

# LONDON- WEST MIDLANDS ENVIRONMENTAL STATEMENT

## Volume 5 | Technical Appendices

CFA23-26 | **Transport Assessment (TR-001-000)**

**Annex B(v): Baseline survey report**

Traffic and transport

November 2013

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Department  
for Transport

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# 1 Introduction

- 1.1.1 This report considers the transport surveys undertaken for all the CFAs in the West Midlands Metropolitan County area, including Balsall Common and Hampton-in-Arden (CFA23), Birmingham Interchange and Chelmsley Wood (CFA24), Castle Bromwich and Bromford (CFA25) and Washwood Heath to Curzon Street (CFA26).
- 1.1.2 Transport surveys have been undertaken to obtain baseline data for the Transport Assessment for the Proposed Scheme. Surveys were undertaken in June and August 2012 and June and July 2013. Both traffic and non-motorised user surveys were carried out, details of which are outlined in the following sections.

# 2 Traffic surveys

- 2.1.1 The traffic surveys were undertaken in June 2012 and June 2013 and comprised:
- automatic traffic counts (ATC) and manual classified counts (MCC) on highway links, supplemented by manual link count data;
  - MCC and queue length surveys at highway junctions;
  - traffic signal timing and saturation flow surveys at signal controlled highway junctions; and
  - journey time surveys.
- 2.1.2 The traffic survey data has been further supplemented by traffic and transport data obtained from other sources where available, including the Highways Agency, Birmingham City Council, Centro (the West Midlands Integrated Transport Authority), Coventry City Council, Solihull Metropolitan Borough Council and Warwickshire County Council.

## 2.2 Automatic traffic counts

- 2.2.1 The scope of the ATC surveys carried out is outlined in Table 1.

Table 1: Automatic traffic counts survey scope

Automatic traffic counts survey scope	
Site locations	For details of the locations of the ATC surveys undertaken, refer to Section 4.
Date carried out	June 2012 and June 2013, excluding Public Holidays and school holiday periods.
Survey duration	Continuous 24 hours, for a two week period.
Approvals and inspection	Relevant highway authority and police were informed of all surveys carried out. All ATC equipment was inspected after installation, with regularly monitoring thereafter and repaired or replaced immediately if found to be malfunctioning.
Data obtained	Counts recorded in 15 minute time intervals by vehicle classification, as well as by total vehicles, with sub-total for every hour. Totals for 12 (07:00-19:00), 16 (06:00-22:00), 18 (06:00-00:00) and 24 hours for each day by vehicle classification, as well



Automatic traffic counts survey scope	
	as by total vehicles.  Average vehicle speed data by vehicle classification by hour and by 12 (07:00-19:00), 16 (06:00-22:00), 18 (06:00-00:00) and 24 hours for each day.
Classification	Classification was as consistent as possible with that used by Department for Transport (DfT) for fixed traffic count points on the UK main network profile.
Site information recorded	Weather conditions and any other observed events which could affect the survey results were recorded.
Data verification	Data was checked against nearby MCC at junctions and DfT fixed count points where possible and appropriate for verification.

## 2.3 Manual classified counts

### 2.3.1 The scope of the MCC surveys carried out at junctions is outlined in Table 2.

Table 2: Manual classified counts survey scope

Manual classified counts survey scope	
Site locations	For details of the locations of the ATC surveys undertaken, refer to Section 4.
Date carried out	June 2012 and June 2013, excluding Public Holidays and school holiday periods
Survey duration	One weekday (Tuesday, Wednesday or Thursday). Video cameras were installed to record between 07:00-19:00. Counts were between 07:00-10:00 and 16:00-19:00.
Approvals and inspection	Relevant highway authority and police were informed of all surveys carried out.
Data obtained	Counts were recorded in 15 minute time intervals for every arm of the junction, by vehicle classification, as well as by total vehicles and total Passenger Car Units (PCU) with sub-totals for every hour. PCU were calculated using factors as shown in Table 3.
Classification	Full vehicle classification, consistent with the COBA Manual*, as shown in Figure 1.
Site information recorded	Weather conditions and any other observed events which could affect the survey results were recorded.
Data verification	Total number of vehicles entering and exiting every arm of each junction for each hour were compared to ensure data accuracy.

\* Traffic Input to COBA, Economic Assessment of Road Schemes, Volume 13, Section 1, Chapter 1 Part 4, Traffic Input to COBA, Design Manual for Roads and Bridges, Department for Transport May 2004

Figure 1: Manual classified counts survey vehicle classification


















<b>CAR</b>	 SALOON  ESTATE  PEOPLE CARRIER  CAR TOWING CARAVAN/TRAILER
<b>LIGHT GOODS VEHICLE (LGV)</b>	 VAN  <3.5 TONNES  PICK-UP
<b>OTHER GOODS VEHICLES (OGV 1)</b>	 >3.5 TONNES  2 AXLES RIGID  2 AXLES RIGID  3 AXLES RIGID
<b>OTHER GOODS VEHICLES (OGV 2)</b>	 4 OR MORE AXLES RIGID  3 AXLES ARTIC  4 OR MORE AXLES ARTIC  OTHER GOODS VEHICLE WITH TRAILER
<b>BUSES &amp; COACHES (PSV)</b>	 DOUBLE DECK BUS  SINGLE DECK BUS OR COACH

Table 3: Passenger car unit factor summary

Vehicle classification	PCU equivalent
Car or Light Goods Vehicle (LGV)	1.0
Medium Goods Vehicle (MGV)	1.5
Heavy Goods Vehicle (HGV)	2.3
Bus and coach	2.0
Two wheeled motorcycle	0.4
Pedal cycle	0.2

## 2.4 Queue length surveys

### 2.4.1 The scope of the queue length surveys carried out at junctions is outlined in Table 4.

Table 4: Queue length survey scope

Queue length survey scope	
Site locations	For details of the locations of the queue length surveys undertaken, refer to Section 4.
Date carried out	June 2012 and June 2013, excluding Public Holidays and school holiday periods.
Survey duration	One weekday (Tuesday, Wednesday or Thursday), between 07:00-10:00 and 16:00-19:00.
Approvals and inspection	Relevant highway authority and police were informed of all surveys carried out.
Data obtained	Queue lengths were recorded by junction arm and 15 minute and hourly averages calculated.
Classification	Length of queue in meters.
Site information recorded	Weather conditions and any other observed events which could affect the survey results.
Data verification	Queue lengths checked against video footage, where available.

## 2.5 Traffic signal and saturation flow surveys

### 2.5.1 The scope of the traffic signal and saturation surveys carried out at junctions is outlined in Table 5.

Table 5: Traffic Signal and saturation survey scope

Traffic signal and saturation survey scope	
Site locations	For details of the locations of the traffic signal and saturation surveys undertaken, refer to Section 4.
Date carried out	June 2012 and June 2013, excluding Public Holidays and school holiday periods.
Survey duration	One weekday (Tuesday, Wednesday or Thursday), between 07:00-10:00 and 16:00-19:00.
Approvals and inspection	Relevant highway authority and police were informed of all surveys carried out.
Data obtained	Traffic signal staging, green times, inter-greens and cycle times.  Saturation flows at signal controlled junction stop lines.
Classification	Timings in seconds.  Saturation levels by lane, with each platoon of vehicles measured in PCU.
Site information recorded	Weather conditions, number of pedestrians and any other observed events which could affect the survey results.
Data verification	Traffic signal surveys were compared to manual classified vehicle turning counts and queue length surveys where possible and appropriate for verification.  Saturation flow surveys were conducted using the latest Transport Research laboratory software application for mobile device.

## 2.6 Journey time surveys

2.6.1 The scope of the journey time surveys carried out for key routes is outlined in Table 6.

Table 6: Journey time survey scope

Journey time survey scope	
Site locations	For details of the routes of the journey time surveys undertaken, refer to Section 4.
Date carried out	June 2012, excluding Public Holidays and school holiday periods.
Survey duration	One weekday (Tuesday, Wednesday or Thursday), between 07:00-10:00 and 16:00-19:00.
Data obtained	Journey travel time on key routes in each direction for general traffic, based on 10 circuits per time period.
Classification	Journey time in minutes for general traffic.
Site information recorded	Weather conditions.
Data verification	Journey time data is to be collected using GPS recording devices.

## 3 Non-motorised user surveys

3.1.1 The non-motorised user surveys (including public rights of way surveys) were undertaken in August and September 2012, to establish the usage of public rights of way (PRoW), including roads, in the area of the Proposed Scheme, with additional non-motorised user surveys in July 2013. The surveys included:

- all roads and associated footways either intersected by or that will be affected by the Proposed Scheme; and
- green corridors, including footpaths, cycleways and bridleways either intersected by or that will be affected by the Proposed Scheme.

### 3.2 Public rights of way

3.2.1 The scope of the PRoW surveys carried out is outlined in Table 7.

Table 7: Public rights of way survey scope

Public rights of way survey scope	
Site locations	For details of the locations of the queue length surveys undertaken, refer to Section 4.
Date carried out	<p>August and September 2012, plus July 2013.</p> <p>August surveys were carried out on a weekend to capture leisure users. Surveys were undertaken during the summer holidays in order to record maximum recreational usage.</p> <p>September surveys were carried out on a weekday (Tuesday, Wednesday or Thursday) to capture school and commuting users.</p> <p>Surveys were not undertaken in inclement weather.</p>

Public rights of way survey scope	
Survey duration	<p>August surveys were carried out between 08:00-18:00.</p> <p>September surveys were carried out between 07:00-19:00.</p>
Approvals and inspection	Where possible, surveys were considered with the relevant highway authority and, where appropriate, with community groups.
Data obtained	Manual counts were recorded in 15 minute time intervals by classification, as well as by total for all categories of user, with sub-totals for every hour.
Classification	<p>Classification used was: pedestrians, pedestrians walking dogs, pedestrians with buggy, pedestrian with impairment (type of impairment was recorded), joggers, cyclists and horse riders.</p> <p>For PRoW on public paths or bridleways, an additional category of 'other' was used to record users that do not fall into the above categories, e.g. motorcyclists, quad bikes, tractors etc (type was recorded).</p>
Site information recorded	Weather conditions and any other observed events which could affect the survey results.

## 4 Station and public transport interchange surveys

4.1.1 Station surveys were undertaken at Birmingham International station and Birmingham New Street station and specific public transport interchange pedestrian surveys within the Moor Street Queensway area.

4.1.2 The surveys in June 2012 were undertaken to establish the baseline situations in terms of existing use of the stations. The July 2013 surveys were undertaken to establish baseline pedestrian movements for the Moor Street Queensway area, which will form the primary area for pedestrian activity and interchange for the proposed Curzon Street station. The station surveys included:

- car park accumulation and vehicle occupancy surveys in long stay station car parks (recording numbers of cars parked, compared to car park capacities);
- private car drop off/pick up surveys in station short stay car parks and in the vicinity of station entrances (recording numbers of vehicles, dwell times and numbers of people dropped off and picked up);
- taxi drop off/pick up surveys at stations (recording numbers of taxis, dwell times and numbers of people dropped off and picked up);
- bus passenger counts (at Birmingham International station only);
- pedestrian counts (at Birmingham International station only);
- passenger counts (at Birmingham New Street station only);
- interview surveys of station users (at Birmingham International station only); and
- interview surveys of long distance rail travellers (recording mode of travel for

surface access to station, origin and destination, journey purpose and frequency of trip).

## 4.1.3

The scope of the station and public transport interchange surveys carried out is outlined in Table 8.

Table 8: Station and public transport interchange survey scope

<b>Station and public transport interchange survey scope</b>	
Site locations	For details of the locations of the stations and public transport interchange and the various types of surveys undertaken, refer to Section 4.
Date carried out	Station surveys in June 2012 and Moor Street Queensway public transport interchange surveys in July 2013.
Survey duration	Weekday (Tuesday, Wednesday or Thursday), between 06:00 and 21:00.
Approvals and inspection	For stations, Network Rail. For Moor Street Queensway, Birmingham City Council.
Data obtained - Birmingham International station	<p>Numbers of cars parked in long stay station car park, compared with capacity.</p> <p>Private car drop off/pick up, numbers of vehicles, dwell times and numbers of people dropped off/picked up.</p> <p>Taxi drop off/pick up, numbers of taxis, dwell times and numbers of people dropped off/picked up.</p> <p>Bus passenger surveys, numbers of bus passengers transferring to/from train.</p> <p>Pedestrian counts, numbers of people using station at various locations at, or within the environs of, the station.</p> <p>User interview surveys, to establish why people are using the station (between 07:00 and 10:00 and 16:00 and 19:00 only).</p> <p>Passenger interview surveys, to establish mode of travel for surface access, origin and destination of trip, journey purpose and frequency of trip).</p>
Data obtained - Birmingham New Street station	<p>Numbers of cars parked in long stay station car park, compared with capacity.</p> <p>Private car drop off/pick up, numbers of vehicles, dwell times and numbers of people dropped off/picked up.</p> <p>Taxi drop off/pick up, numbers of taxis, dwell times and numbers of people dropped off/picked up.</p> <p>Passenger counts (at Main Entrance ticket barriers and Navigation Street ticket barriers), numbers of passengers using station.</p> <p>User interview surveys, to establish why people are using the station (between 07:00 and 10:00 and 16:00 and 19:00 only).</p> <p>Passenger interview surveys, to establish mode of travel for surface access, origin and destination of trip, journey purpose and frequency of trip).</p>
Data obtained - Moor Street Queensway public transport interchange	Pedestrian movements within the Moor Street Queensway area, which will form the primary area for pedestrian activity and interchange at the proposed Curzon Street station.
Site information recorded	Weather conditions and any other observed events which could affect the survey results.

## 5 Parking surveys

5.1.1 Parking surveys were undertaken at the Curzon Street and Millennium Pont car parks in Birmingham City Centre and Birmingham International Rail station car park in June 2012, to establish the baseline situation, in terms use. The parking surveys included arrival and departure counts at car parks (recording numbers of cars arriving and departing and car park capacities).

5.1.2 The scope of the parking surveys carried out is outlined in Table 9.

Table 9: Parking survey scope

Parking survey scope	
Site locations	For details of the locations of the car parks where the parking surveys were undertaken, refer to Section 4.
Date carried out	June 2012.
Survey duration	Between 06:00 and 21:00.
Approvals and inspection	Surveys undertaken from highway and relevant local authority approvals obtained where required.
Data obtained	Numbers of cars arriving at and departing from car parks.  Numbers of cars parked compared with capacity.
Site information recorded	Weather conditions and any other observed events which could affect the survey results.

## Survey schedules and locations

.1.1 Schedules outlining each of the traffic and non-motorised user survey undertaken are shown in Appendix A.

## 7 Survey data

7.1.1 Summary data of surveys undertaken is shown in Appendix B.

# Appendix A – Survey schedules

Table 10: Birmingham Interchange area survey schedule.

Birmingham Interchange Area, Solihull

Unique Reference	Location	OS Grid Reference (E,N)	Survey Type
B1	A45 Coventry Road/Damson Parkway (Traffic Signals)	416879,283262	CTC, Que, Sat, Sig
B2	A45 Coventry Road/Bickenhill Lane/Catherine de Barnes Lane (R'bout)	418780,282982	CTC, Que
B3	A45 Coventry Road/A452 Chester Road (Stonebridge Island) R'bout	421369,283118	CTC, Que
B4	B4438 Bickenhill Parkway/Northway (R'bout)	419575,285024	CTC, Que
B5	B4438 Bickenhill Parkway/NEC Access (R'bout)	418935,284992	CTC, Que
B6	B4438 Bickenhill Parkway/Coleshill Heath Road (Priority left in/ left out)	418626,284717	CTC, Que
B7	B4438 Bickenhill Parkway/Starley Way (R'bout)	418580,284605	CTC, Que
B8	B4438 Bickenhill Lane/Morris Way (R'bout)	418610,284136	CTC, Que
B9	B4438 Bickenhill Lane/Airport Way (R'bout)	418579,283301	CTC, Que
B10	B4438 Bickenhill Lane/Station Link Road (R'bout)	418815,283296	CTC, Que
B11	Coleshill Heath Road/Bickenhill Road / Blackfirs Lane (R'bout)	418410,285061	CTC, Que
B12	Coleshill Heath Road/Coleshill Road (Priority)	418683,285787	CTC, Que
B13	Coleshill Heath Road/Chelmsley Road (Priority)	418826,286088	CTC, Que
B14	A452 Chester Road/Packington Lane (Priority)	420662,284124	CTC, Que
B15	A452 Chester Road/Bickenhill Parkway/Solihull Parkway / A446 (Part Signals R'bout)	419782,285335	CTC, Que, Sat, Sig
B16	A452 Chester Road/Coleshill Heath Road (R'bout)	418965,286354	CTC, Que
B17	A446 Stonebridge Road/Coleshill Heath Road (R'bout)	420471,284364	CTC, Que
B18	Packington Lane/Middle Bickenhill Lane (Priority)	420492,284290	CTC, Que
B19	M42 Junction 6 (Signalised R'bout)	419822,283051	CTC, Que, Sat, Sig
B20	M42 Southbound Slip / Eastway (R'bout)	419906,283298	CTC, Que
B21	M6 Junction 4 (Part Signalised R'bout)	419979,286579	CTC, Que, Sat, Sig
B22	M42 Junction 5 (R'bout)	417103,278590	CTC, Que
B23	A45 Eastway	420126,283111	CTC, Que
B24	Pendigo Way/Eastway (R'bout)	419616,283501	CTC, Que
B25	Pendigo Way/Southway (Priority)	419564,283320	CTC, Que
B26	Pendigo Way/Perimeter Road / Northway / East car park Rd (R'bout)	419580,283867	CTC, Que
B27	Northway/North Avenue (R'bout)	419632,284469	CTC, Que



Unique Reference	Location	OS Grid Reference (E,N)	Survey Type
B28	Northway/NEC Access (R'bout)	419727,284103	CTC, Que
B29	Airport Way/Viking Road (R'bout)	418445,283213	CTC, Que
B30	Airport Way/Vanguard Road/ Concorde Road (R'bout)	418434,283592	CTC, Que
B31	A45 Coventry Road	See plan in App B	JTS
B32	A452 Chester Road	See plan in App B	JTS
B33	A446 Stonebridge Road	See plan in App B	JTS
B34	M42 Corridor	See plan in App B	JTS
B35	A45 Eastbound off slip	420348,283170	ATC
B36	Arden Hotel access	419114,283049	ATC
B37	M42 northbound off slip to A45 West	419698,282951	ATC
B38	Middle Bickenhill Lane	420291,283518	ATC
B39	Coventry Road Westbound off slip (Eastway left turn)	420534,283183	ATC
B40	Coventry Road Westbound off slip (Eastway right turn)	420559,283183	ATC
B41	Coventry Road (Westbound)	420615,283101	ATC
B42	A45 exit from Toby Carvery	421176,283142	ATC
B43	A452 Entrance to Toby Carvery	421277,283274	ATC
B44	Diddington Lane	421259,282892	ATC
B45	Packington Lane	420669,284172	ATC
B46	A452 Access to Melbicks Garden Centre	420086,284940	ATC
B47	A452 Chester Road (north of Coleshill Heath Road)	418794,286592	ATC
B48	A446 Stonebridge Road (north of M6)	419991,287222	ATC
B49	A45 (West of Damson Parkway)	416612,283439	ATC
B50	A45 Between Catherine De Barnes Lane and Junction 6	419346,283013	ATC
B51	A45 Between Junction 6 and Stonebridge Island	420625,283137	ATC
B52	A452 north of Stonebridge Island	421130,283464	ATC
B53	Bickenhill Road	418249,285027	ATC
B54	Bickenhill Parkway	419263,285041	ATC
B55	Concorde Road	418396,283658	ATC
B56	Herald Road	418497,283946	ATC
B57	Coleshill Heath Road/Yorkminster Drive (Priority)	419282,286637	CTC, Que
B58	Yorkminster Drive/Chelmsley Road (Priority)	418188,286846	CTC, Que
B59	Station Link Road Business Park Roundabout	418940,283296	CTC, Que

Unique Reference	Location	OS Grid Reference (E,N)	Survey Type
B60	Station Link Road/Bus Gate/Bickenhill Lane (R'bout)	418599,283802	CTC, Que
B61	Birmingham International Station (BIS) Car Park	See plan in App B	Parking accumulation
B62	Birmingham International Station (BIS) Car Park	See plan in App B	Vehicle Occupancy
B63	BIS Taxi	See plan in App B	Drop off / Pick up
B64	BIS Bus	See plan in App B	Passenger on / off count
B65	BIS Private Car Drop Off	See plan in App B	Drop off / Pick up
B66	BIS People Mover	See plan in App B	Ped count (in/out)
B67	BIS Main entrance escalators	See plan in App B	Ped count (in/out)
B68	NEC Entrance from BIS	See plan in App B	Ped count (in/out)
B69	External footway (north of private drop off area at BIS)	See plan in App B	Ped count
B70	External footway (south of private drop off area at BIS)	See plan in App B	Ped count
B71	Stonebrigde Road/Coleshill Heath Road (R'bout)	419962,287020	CTC, Que
B72	Stonebridge Road (north of M6)	419976,286828	ATC
B73	Coleshill Heath Road (north of Yorkminster Drive)	419374,286704	ATC
B74	Coleshill Heath Road (between Yorkminster Drive and Chester Road)	419143,286528	ATC
B75	Coleshill Heath Road (between Chester Road and Chelmsley Road)	418876,286189	ATC
B76	Coleshill Heath Road (between Coleshill Road and Bickenhill Road)	418555,285458	ATC
B77	Stonebridge Road (south of M6)	420020,286215	ATC
B78	Chester Road (north)	419622,285574	ATC
B79	A446 on-slip	419945,285418	ATC
B80	A446 off-slip	419946,285374	ATC
B81	Chester Road (south)	420002,285027	ATC
B82	B4438	419654,285133	ATC
B83	Solihull Parkway	419545,285335	ATC
B84	A446 (north of Chester Road diverge)	420260,284944	ATC
B85	Bickenhill Parkway (north of Coleshill Heath Road)	418745,284839	ATC
B86	Bickenhill Parkway (between Starley Way and Morris Way)	418583,284377	ATC
B87	Bickenhill Lane (south of Morris Way)	418604,283991	ATC
B88	Airport Way	418428,283374	ATC
B89	Airport Way (south of Bickenhill Lane)	418514,283252	ATC
B90	Bickenhill Lane (east of Airport Way)	418669,283297	ATC

Unique Reference	Location	OS Grid Reference (E,N)	Survey Type
B91	Bickenhill Lane (between Station Way and A45)	418811,283200	ATC
B92	Station Way (East of Bickenhill Lane)	418880,283289	ATC
B93	A45 (between Damson Parkway and Elmdon Lane)	417009,283217	ATC
B94	Damson Parkway (south of A45)	416837,283146	ATC
B95	A45 (EB off slip to Bickenhill Lane)	418442,282974	ATC
B96	A45 (slips to/from Station Way)	418456,283148	ATC
B97	Catherine De Barnes Lane (south of A45)	418669,282752	ATC
B98	South Way (north of J6)	419658,283262	ATC
B99	M42 (NB on Slip J6)	419834,283303	ATC
B100	M42 (SB off slip) (north of East Way Diverge)	419913,283388	ATC
B101	A45 (EB on slip M42 J6)	420019,283104	ATC
B102	A45 (WB off slip M42 J6)	420023,283046	ATC
B103	M42 (SB on slip J6)	419795,282862	ATC
B104	M42 (NB off slip J6)	419701,282833	ATC
B105	A45 (east of Stonebridge roundabout)	421971,283161	ATC
B106	Kenilworth Road (between A45 and Diddington Lane)	421405,283012	ATC
B107	NEC Entrance from BIS	See plan in App B	Interviews
B108	BIS Main Passenger Waiting Area	See plan in App B	Interviews

Codes

- CTC - manual classified counts / classified turning counts
- MCC - manual classified counts - link counts
- ANPR – automatic number plate recognition origin-desitnation surveys
- Que - queue length surveys
- Sig - traffic signal timing surveys
- JTS - journey time surveys
- ATC - automatic traffic counts
- Sat - saturation flow surveys

Table 11: Balsall Common survey schedule

## Balsall Common area

Unique Reference	Location	OS Grid Reference (E, N)	Survey Type
W1	Kenilworth Road / Diddington Lane (Priority)	421418,282955	CTC, Que
W2	Diddington Lane / Meriden Road (Priority)	420947,281527	CTC, Que
W3	Lapwing Drive / Meriden Road (Priority)	421040,281493	CTC, Que
W4	Kenilworth Road / Meriden Road / Hampton Lane / Cornets End Lane (R'bout)	422207,281723	CTC, Que
W5	Meriden Road	422010,281671	ATC
W6	Private Road (off Meriden Road)	421638,281139	MCC
W7	Private Road (off Marsh Lane)	421926,280293	MCC
W8	Kenilworth Road / Marsh Lane (Priority)	421990,280261	CTC, Que
W9	Bridleway	422172,280319	MCC
W10	Footpath near Marcote Farm	422400,280046	MCC
W11	Footpath on boundary of Sixteen Acre Wood	422707,279581	MCC
W12	Footpath at Top Lodge to Marlowes	423352,278816	MCC
W13	Footpath off Park Lane	423642,278560	MCC
W14	Footpath off Old Waste Lane to Beechwood Farm	425624,276830	MCC
W15	Footpath off Hodgett's Lane to Beanit Spinney	426046,276529	MCC
W16	Footpath off Hodgett's Lane (near Little Poors Wood)	426777,276005	MCC
W17	Footpath off Red Lane (near Black Waste Wood)	427080,275724	MCC
W18	Footpath/ Tracks near/across Broadwells Wood	428164,275000	MCC
W19	Kenilworth Road (north of Park Lane)	423146,278755	ATC
W20	Truggist Lane	424939,277584	ATC
W21	Kelsey Lane	424384,276270	ATC
W22	Lavender Hall Lane	423751,277833	ATC
W23	Hallmeadow Road	423677,278085	ATC
W24	Spencer's Lane	425483,278087	ATC
W25	Cromwell Lane	427099,276453	ATC
W26	A452	422173,279746	ATC
W27	Bradnock's Marsh Lane	422219,279393	ATC
W28	A452 between Diddington Lane and Hampton Lane	421751,282323	ATC
W29	Cornetts End Lane (west of Meriden Road)	423985,280577	ATC
W30	Mercote Hall Lane (west of Cornets End Lane)	423590,280474	ATC

Unique Reference	Location	OS Grid Reference (E, N)	Survey Type
W31	Cornetts End Lane (north of Mercote Hall Lane)	423664,280676	ATC
W32	Park Lane	423320,278615	ATC
W33	Kenilworth Road (between Hallmeadow Road and Wootton Green Lane)	423548,277962	ATC
W34	Kenilworth Road (between Lavender Hall Lane and Wootton Green Lane)	423611,277796	ATC
W35	Lavender Hall Lane (between Hallmeadow Road and Park Lane)	423980,278173	ATC
W36	Lavender Hall Lane (between Spencer's Lane and Park Lane)	424290,278826	ATC
W37	Meriden Road (north of Coventry Road)	424566,279264	ATC
W38	Coventry Road (between Meriden Road and Pound Close)	424684,279157	ATC
W39	Spencer's Lane (between Coventry Road and Baulk Lane)	424761,278765	ATC
W40	Baulk Lane (between Spencer's Lane and Truggist Lane)	424770,278159	ATC
W41	Hallmeadow Road (between Lavender Hall Lane and Grovefield Crescent)	423941,277923	ATC
W42	Hallmeadow Road (between Riddings Hill and Station Road)	424323,277573	ATC
W43	Station Road (between Hallmeadow Road and Baulk Lane)	424504,277583	ATC
W44	Station Road (between Hallmeadow Road and Sunnyside Lane)	424376,277420	ATC
W45	Station Road (between Green Lane and Kenilworth Road)	423955,277164	ATC
W46	Kenilworth Road (south of Lavender Hall Lane)	423674,277655	ATC
W47	Kenilworth Road (north of Station Road)	423877,277188	ATC
W48	Station Road (west of Kenilworth Road)	423833,277113	ATC
W49	Kenilworth Road (between Station Road and Arden Close)	423922,277085	ATC
W50	Balsall Street East (west of Station Road)	423140,276587	ATC
W51	Balsall Street East (east of Station Road)	423228,276520	ATC
W52	Station Road (north of Balsall Street East)	423210,276601	ATC
W53	Alder Lane (west of Kenilworth Road)	424207,276268	ATC
W54	Kenilworth Road (north of Alder Lane)	424268,276296	ATC
W55	Kenilworth Road (south of Alder Lane)	424334,276187	ATC
W56	Kelsey Lane (between Meeting House Lane and Windmill Lane)	424804,276335	ATC
W57	Waste Lane (between Old Waste Lane and Windmill Lane)	425020,276408	ATC
W58	Windmill Lane (south of Waste Lane)	424928,276277	ATC
W59	Hob Lane (east of Windmill Lane)	425003,276125	ATC
W60	Windmill Lane (south of Hob Lane)	424902,276091	ATC
W61	Kenilworth Road (north of Windmill Lane)	424796,275535	ATC
W62	Windmill Lane (north of Kenilworth Road)	424867,275531	ATC

Unique Reference	Location	OS Grid Reference (E, N)	Survey Type
W63	Kenilworth Road (between Windmill Lane and Meer End Road)	424970,275299	ATC
W64	Meer End Road	425017,275066	ATC
W65	Kenilworth Road (south of Meer End Road)	425147,275064	ATC
W66	Birmingham Road (west of Red Lane)	427475,273715	ATC
W67	Red Lane (north of Birmingham Road)	427591,273756	ATC
W68	Birmingham Road (south of Red Lane)	427636,273599	ATC
W69	Truggist Lane (between Spencer's Lane and Hodgett's Lane)	425757,277738	ATC
W70	Truggist Lane (west of Hodgett's Lane)	425655,277651	ATC
W71	Spencer's Lane (between Truggist Lane and Tanners' Lane)	425936,277738	ATC
W72	Hodgett's Lane (between Truggist Lane and Nailcote Lane)	425926,277300	ATC
W73	Tanners' Lane (between Spencer's Lane and Benton Green Lane)	426133,277758	ATC
W74	Spencer's Lane (between Tanners' Lane and Nailcote Lane)	426207,277598	ATC
W75	Duggins Lane (east of Nailcote Lane)	426478,277570	ATC
W76	Nailcote Lane (between Duggins Lane and Hodgett's Lane)	426333,277229	ATC
W77	Waste Lane	426090,276908	ATC
W78	Hodgett's Lane (between Nailcote Lane and Cromwell Lane)	426514,276584	ATC
W79	Cromwell Lane (between Hodgett's Lane and Red Lane)	426863,275828	ATC
W80	Hob Lane (west of Red Lane)	426798,275541	ATC
W81	Red Lane	426909,275586	ATC
W82	Cromwell Lane (between Westwood Heath Road and Coleby Close)	427420,276964	ATC
W83	Westwood Heath Road (between Cromwell Lane and Roughknowles Road)	427476,276860	ATC
W84	Westwood Heath Road (between Ten Shilling Drive and Bockendon Road)	428013,276595	ATC
W85	Bockendon Road (south of Westwood Heath Road)	428043,276497	ATC
W86	Westwood Heath Road (east of Bockendon Road)	428118,276542	ATC
W87	Kenilworth Road (between Park Lane and Wootton Lane)	423269,278534	ATC
W88	Kenilworth Road (between Wootton Lane and Hallmeadow Lane)	423422,278223	ATC

Codes ANPR - origin-desitination surveys

ATC - automatic traffic counts

CTC - manual classified counts / classified turning counts

JTS - journey time surveys

MCC - manual classified counts - link counts

Que - queue surveys

Sat - saturation flow surveys

Sig - traffic signal timing surveys

Table 12: Curzon Street area survey schedule

Unique Reference	Location	Longitude/ Latitude		Survey Type
1	Ashted Circus Junction (A47/A4540)	52° 29' 9.46" N	-1° 52' 57.36" E	CTC, Que
2	Curzon Circle Junction (A4540/B4132)	52° 28' 59.39" N	-1° 52' 47.46" E	CTC, Que
3	A4540/Landor Street Junction	52° 28' 53.83" N	-1° 52' 37.81" E	CTC, Que
4	Garrison Circus Junction (A4540/Great Barr St/Garrison Ln)	52° 28' 47.63" N	-1° 52' 35.41" E	CTC, Que
5	Bordesley Circus Junction (A45/A4540/Coventry Rd)	52° 28' 22.16" N	-1° 52' 31.53" E	CTC, Que
6	Great Barr St/Liverpool St/Health Mill Lane/Fazeley St Junction	52° 28' 38.85" N	-1° 52' 50.39" E	CTC, Que
7	New Canal St/Fazeley St Junction	52° 28' 47.82" N	-1° 53' 14.72" E	CTC, Que
8	Moor Street Queensway/Masshouse Ln Junction	52° 28' 52.74" N	-1° 53' 26.89" E	CTC, Que
9	Moor Street Queensway/James Watt Queensway/Jennens Rd/Park St Junction	52° 28' 55.98" N	-1° 53' 24.05" E	CTC, Que
10	Forster St	52° 29' 6.67" N	-1° 52' 51.14" E	ATC
11	Garrison St	52° 28' 50.11" N	-1° 52' 35.92" E	ATC
12	St Andrew's Rd	52° 28' 44.01" N	-1° 52' 31.79" E	ATC
13	Kingston Rd	52° 28' 28.92" N	-1° 52' 25.74" E	ATC
14	Adderley St	52° 28' 29.11" N	-1° 52' 32.45" E	ATC
15	Westley St	52° 28' 38.34" N	-1° 52' 35.77" E	ATC
16	Little Barr St	52° 28' 42.93" N	-1° 52' 36.19" E	ATC
17	Glover St	52° 28' 39.94" N	-1° 52' 44.05" E	ATC
18	Allcock St	52° 28' 34.99" N	-1° 52' 53.96" E	ATC
19	Bromley St	52° 28' 33.46" N	-1° 52' 55.14" E	ATC
20	Floodgate St	52° 28' 33.31" N	-1° 53' 4.54" E	ATC
21	Milk St	52° 28' 33.42" N	-1° 53' 9.18" E	ATC
22	Oxford St	52° 28' 35.11" N	-1° 53' 16.32" E	ATC
23	Meriden St	52° 28' 36.38" N	-1° 53' 22.25" E	ATC
24	Allison St	52° 28' 36.87" N	-1° 53' 25.71" E	ATC
25	Park St (north of Digbeth)	52° 28' 38.10" N	-1° 53' 32.29" E	ATC
26	St Martins Queensway	52° 28' 42.61" N	-1° 53' 36.93" E	ATC
27	Carrs Lane	52° 28' 45.86" N	-1° 53' 35.38" E	ATC
28	Albert St (west of Moor St Queensway)	52° 28' 49.18" N	-1° 53' 32.22" E	ATC
29	Woodcock St	52° 29' 7.85" N	-1° 53' 6.76" E	ATC
30	Belmont Row	52° 29' 5.17" N	-1° 53' 3.94" E	ATC

Unique Reference	Location	Longitude/ Latitude		Survey Type
31	Howe St	52° 29' 4.12" N	-1° 53' 7.34" E	ATC
32	Nova Scotia St	52° 29' 1.14" N	-1° 53' 13.18" E	ATC
33	Penn St	52° 28' 59.68" N	-1° 52' 57.09" E	ATC
34	Curzon St	52° 28' 55.09" N	-1° 53' 8.68" E	MCC, ATC
35	Banbury St (west of New Canal St)	52° 28' 51.14" N	-1° 53' 15.20" E	MCC, ATC
36	Banbury St (east of New Canal St)	52° 28' 50.57" N	-1° 53' 10.88" E	MCC, ATC
37	Montague St (south of A4540)	52° 28' 51.78" N	-1° 52' 46.12" E	ATC
38	Fazeley St (east of Park St)	52° 28' 49.00" N	-1° 53' 22.70" E	MCC, ATC
39	Fazeley St (east of Andover St)	52° 28' 46.69" N	-1° 53' 7.75" E	ATC
40	Derby St	52° 28' 46.15" N	-1° 52' 43.88" E	ATC
41	Bordesley St (east of Park St)	52° 28' 44.47" N	-1° 53' 25.26" E	ATC
42	Montague St (north of Great Barr St)	52° 28' 42.91" N	-1° 52' 48.07" E	ATC
43	Bordesley St (east of Oxford St)	52° 28' 40.04" N	-1° 53' 11.46" E	ATC
44	A4540 (south of site 1)	52° 29' 7.91" N	-1° 52' 56.55" E	ATC
45	A4540 (south of site 2)	52° 28' 58.25" N	-1° 52' 46.16" E	ATC
46	Landor St (east of site 3)	52° 28' 53.99" N	-1° 52' 37.00" E	ATC
47	A4540 (north of site 5)	52° 28' 25.69" N	-1° 52' 29.36" E	ATC
48	Great Barr St (north of site 6)	52° 28' 39.27" N	-1° 52' 49.67" E	ATC
49	New Canal St (north of site 7)	52° 28' 48.32" N	-1° 53' 14.54" E	MCC, ATC
50	Moor Street Queensway (south of site 8)	52° 28' 52.24" N	-1° 53' 27.45" E	ATC
51	Jennens Rd (north of site 9)	52° 28' 56.81" N	-1° 53' 22.35" E	ATC
52	Retail Park CP off Westley St	52° 28' 37.05" N	-1° 52' 35.38" E	Parking accumulation
53	Moat Lane Car Park	52° 28' 39.10" N	-1° 53' 29.11" E	Parking accumulation
54	Freeman St Car Park	52° 28' 45.97" N	-1° 53' 31.00" E	Parking accumulation
55	Dale End NCP Car Park	52° 28' 50.64" N	-1° 53' 31.41" E	Parking accumulation
56	The McLaren Building Car Park	52° 28' 55.56" N	-1° 53' 28.61" E	Parking accumulation
57	Thinktank Car Park	52° 28' 59.13" N	-1° 53' 4.97" E	Parking accumulation
58	Curzon St Car Park	52° 28' 55.47" N	-1° 53' 3.83" E	Parking accumulation



Unique Reference	Location	Longitude/ Latitude		Survey Type
59	A4540 (north of site 1)	52° 29' 12.54" N	-1° 53' 0.68" E	ANPR
60	A47 (east of site 1)	52° 29' 13.16" N	-1° 52' 53.96" E	ANPR
61	A45 (south of site 5)	52° 28' 19.47" N	-1° 52' 25.80" E	ANPR
62	A4540 (south of site 5)	52° 28' 18.35" N	-1° 52' 32.45" E	ANPR
63	A41 (south of site 67)	52° 28' 15.90" N	-1° 52' 43.80" E	ANPR
64	James Watt Queensway	52° 28' 58.71" N	-1° 53' 29.69" E	ANPR
65	Park St (north of Digbeth)	52° 28' 51.34" N	-1° 53' 23.47" E	ATC
66	Camp Hill Circus Junction (A41/A4540)	52° 28' 6.63" N	-1° 52' 44.17" E	CTC, Que
67	High St Bordesley/Coventry Rd/Camp Hill Junction	52° 28' 20.89" N	-1° 52' 44.92" E	CTC, Que
68	High St Deritend/Heath Mill Ln Junction	52° 28' 28.84" N	-1° 53' 2.07" E	CTC, Que
69	Smithfield St/Moat Ln North Junction	52° 28' 33.54" N	-1° 53' 24.97" E	CTC, Que
70	Smithfield St/Moat Ln South Junction	52° 28' 32.42" N	-1° 53' 27.37" E	CTC, Que
71	Moat Ln/Upper Dean St Junction	52° 28' 34.74" N	-1° 53' 32.35" E	CTC, Que
72	A4540 (north of site 66)	52° 28' 8.56" N	-1° 52' 40.40" E	ATC
73	A41 (south of site 67)	52° 28' 19.38" N	-1° 52' 44.38" E	ATC
74	High St Bordesley (east fo site 68)	52° 28' 28.39" N	-1° 52' 59.56" E	ATC
75	Digbeth (east of site 69)	52° 28' 33.24" N	-1° 53' 23.20" E	ATC
76	Moat Lane (between sites 70 and 71)	52° 28' 33.78" N	-1° 53' 30.27" E	ATC
77	Markets Car Park	52° 28' 32.26" N	-1° 53' 30.19" E	Parking accumulation
78	Bartholomew St (north of Fazeley St)	52° 28' 49.35" N	-1° 53' 19.64" E	MCC, ATC
79	Fazeley St (east of Bartholomew St)	52° 28' 48.36" N	-1° 53' 18.43" E	MCC, ATC
80	Curzon Gateway student accommodation access (south of Curzon St)	52° 28' 54.39" N	-1° 52' 55.16" E	MCC, ATC
81	A45 (south of site 5)	52° 28' 19.90" N	-1° 52' 25.96" E	ATC
82	A4540 (south of site 5)	52° 28' 18.91" N	-1° 52' 31.98" E	ATC
83	James Watt Queensway	52° 28' 57.30" N	-1° 53' 27.91" E	ATC
84	A4540 (north of site 1)	52° 29' 13.25" N	-1° 53' 1.03" E	ATC
85	A47 (east of site 1)	52° 29' 12.83" N	-1° 52' 54.46" E	ATC
86	Landor street	52° 28' 54.11" N	-1° 52' 36.39" E	MCC (Ped & cycle link)
87	Lawley middleway	52° 28' 55.80" N	-1° 52' 43.80" E	MCC (Ped & cycle link)
88	Digbeth Canal	52° 28' 54.25" N	-1° 52' 55.39" E	MCC (Ped & cycle link)

Unique Reference	Location	Longitude/ Latitude		Survey Type
89	Jennens Road	52° 28' 55.00" N	-1° 53' 9.68" E	MCC (Ped & cycle link)
90	Banbury Street	52° 28' 51.05" N	-1° 53' 13.46" E	MCC (Ped & cycle link)
91	New Canal Street	52° 28' 51.33" N	-1° 53' 15.78" E	MCC (Ped & cycle link)
92	Bartholomew Street	52° 28' 49.57" N	-1° 53' 19.53" E	MCC (Ped & cycle link)
93	Park Street	52° 28' 48.76" N	-1° 53' 25.09" E	MCC (Ped & cycle link)
94	See map (Figure 3 Curzon Street)			JTS
95	See map (Figure 4 Washford Heath)			JTS
96	NCP Albany Car Park			Parking accumulation
97	NCP Albany Car Park			Vehicle Occupancy
98	Birmingham New Street (BNS) Short Stay Car Park (Private car drop off)			Drop off/ Pick up
99	BNS Taxi			Drop off/ Pick up
100	BNS Escalators to Pallsades			Ped count (in/out)
101	BNS Navigation Street Access			Ped count (in/out)
102	BNS Rail side of ticket barriers			Interviews

Codes CTC - manual classified counts / classified turning counts

MCC - manual classified counts - link counts

ANPR - O/D surveys

Que - queue surveys

Sig - traffic signal timing surveys

JTS - journey time surveys

ATC - automatic traffic counts

Sat - saturation flow surveys

Table 13: Washford Heath area survey schedule

## Washford Heath Area

Unique Reference	Location	Longitude/ Latitude		Survey Type
1	A452/B4148 Junction	52° 31' 22.56" N	-1° 48' 25.10" E	CTC, Que
2	A452/A38 Junction	52° 31' 8.90" N	-1° 48' 2.43" E	CTC, Que
3	Spitfire Island Junction (A47/A452/Tangmere Drive)	52° 30' 48.62" N	-1° 47' 53.31" E	CTC, Que
4	M6 J5/A452/B4174 Junction	52° 30' 27.23" N	-1° 47' 42.38" E	CTC, Que
5	B4174/B4114/Bradford Rd Junction	52° 30' 8.30" N	-1° 47' 49.22" E	CTC, Que
6	B4114/Stechford Rd/Bucklands End Ln & B4114/Bromford Rd/Heath Way Junctions	52° 29' 58.92" N	-1° 48' 11.46" E	CTC, Que
7	B4114/A4040 Junction	52° 29' 36.51" N	-1° 49' 5.69" E	CTC, Que
8	B4114/Drews Ln Junction	52° 29' 46.72" N	-1° 50' 22.90" E	CTC, Que
9	B4114/B4156 Junction	52° 29' 47.09" N	-1° 50' 53.14" E	CTC, Que
10	B4114/Aston Church Rd Junction	52° 29' 45.92" N	-1° 51' 5.77" E	CTC, Que
11	B4114/B4145/Alum Rock Rd Junction	52° 29' 30.47" N	-1° 51' 35.40" E	CTC, Que
12	Adderley Rd/Duddleston Mill Rd/Ash Ford Junction	52° 29' 16.33" N	-1° 51' 43.86" E	CTC, Que
13	A47/B4114/Mainstream Way Junction	52° 29' 34.09" N	-1° 51' 58.73" E	CTC, Que
14	A47/Aston Church Rd Junction	52° 29' 55.13" N	-1° 51' 35.75" E	CTC, Que
15	A47/B4137 Junction	52° 30' 6.35" N	-1° 51' 18.29" E	CTC, Que
16	A4040/Bromford Rd/Wolseley Dr Junction	52° 30' 10.30" N	-1° 49' 47.91" E	CTC, Que
17	A47/A4040 Junction	52° 30' 17.68" N	-1° 49' 51.31" E	CTC, Que
18	A38/Wheelright Rd Junction	52° 30' 34.37" N	-1° 50' 10.47" E	CTC, Que
19	A38/A4040 Junction	52° 30' 40.15" N	-1° 50' 2.12" E	CTC, Que
20	A38/Kingsbury Rd/B4148 Junction	52° 31' 0.53" N	-1° 49' 10.37" E	CTC, Que
21	A47/Fort Shopping Centre/Wingfoot Way Junction	52° 30' 28.23" N	-1° 49' 10.33" E	CTC, Que
22	A47/East Drive Junction	52° 30' 39.57" N	-1° 48' 32.21" E	CTC, Que
23	Chester Rd (north of site 1)	52° 31' 23.87" N	-1° 48' 27.61" E	ATC
24	Chester Rd (south of site 2)	52° 31' 5.99" N	-1° 48' 0.23" E	ATC
25	Chester Rd (south of site 3)	52° 30' 44.43" N	-1° 47' 51.81" E	ATC
26	A452 (east of site 4)	52° 30' 28.54" N	-1° 47' 31.34" E	ATC
27	Coleshill Rd (west of site 5)	52° 30' 5.64" N	-1° 47' 52.38" E	ATC
28	Coleshill Rd (west of site 6)	52° 29' 56.28" N	-1° 48' 16.29" E	ATC
29	Stechford Ln (south of site 7)	52° 29' 33.55" N	-1° 49' 4.34" E	ATC
30	Washford Heath Rd (east of Sladefield Rd)	52° 29' 35.69" N	-1° 49' 56.87" E	ATC

Unique Reference	Location	Longitude/ Latitude		Survey Type
31	Washford Heath Rd (east of site 8)	52° 29' 46.22" N	-1° 50' 21.20" E	ATC
32	Washford Heath Rd (west of Common Ln)	52° 29' 47.30" N	-1° 50' 41.71" E	ATC
33	Highfield Rd (south of site 9)	52° 29' 46.24" N	-1° 50' 53.03" E	ATC
34	Washford Heath Rd (west of site 10)	52° 29' 45.30" N	-1° 51' 8.25" E	ATC
35	Washford Heath Rd (south of Membury Rd)	52° 29' 38.30" N	-1° 51' 20.84" E	ATC
36	Adderley Rd (south of site 12)	52° 29' 14.45" N	-1° 51' 44.05" E	ATC
37	Great Francis St (west of site 85)	52° 29' 19.81" N	-1° 52' 20.01" E	ATC
38	Saltley Rd (west of site 13)	52° 29' 33.15" N	-1° 52' 5.33" E	ATC
39	Saltley Viaduct (west of Crawford St)	52° 29' 32.16" N	-1° 51' 47.02" E	ATC
40	Heartlands Parkway (south of site 14)	52° 29' 47.30" N	-1° 51' 43.39" E	ATC
41	Aston Church Rd (west of site 14)	52° 29' 57.79" N	-1° 51' 41.46" E	ATC
42	Heartlands Parkway (north of site 14)	52° 30' 2.02" N	-1° 51' 30.57" E	ATC
43	Aston Church Rd (west of Arley Rd)	52° 29' 52.80" N	-1° 51' 21.76" E	ATC
44	Heartlands Parkway (east of site 15)	52° 30' 7.48" N	-1° 51' 5.77" E	ATC
45	Cuckoo Rd (north of site 86)	52° 30' 13.82" N	-1° 51' 30.34" E	ATC
46	Drews Lane (west of Ingleton Rd)	52° 30' 3.27" N	-1° 50' 4.40" E	ATC
47	Bromford Ln (south St Margarets Avenue)	52° 29' 52.52" N	-1° 49' 33.15" E	ATC
48	Bromford Rd (west of Brockhurst Rd)	52° 30' 0.99" N	-1° 49' 0.56" E	ATC
49	Bromford Ln (south of site 16)	52° 30' 6.35" N	-1° 49' 45.67" E	ATC
50	Heartlands Parkway (west of site 17)	52° 30' 15.80" N	-1° 49' 57.72" E	ATC
51	M6 WB Offslip/EB Onslip (east of site 4)	52° 30' 25.68" N	-1° 49' 58.65" E	ATC
52	Chipperfield Rd (south of Bromford Dr)	52° 30' 22.62" N	-1° 48' 23.17" E	ATC
53	Bromford Dr (north of Bromford Ln)	52° 30' 14.60" N	-1° 49' 34.31" E	ATC
54	Tyburn Rd (west of site 18)	52° 30' 33.39" N	-1° 50' 13.01" E	ATC
55	Bromford Ln (north of site 19)	52° 30' 43.64" N	-1° 50' 4.44" E	ATC
56	Tyburn Rd (east of Quitter Rd)	52° 30' 48.81" N	-1° 49' 37.40" E	ATC
57	Kingsbury Rd (east of site 2)	52° 31' 10.83" N	-1° 47' 58.26" E	ATC
58	Fort Parkway (west of site 21)	52° 30' 26.33" N	-1° 49' 17.78" E	ATC
59	Kingsbury Rd (north of site 20)	52° 31' 1.55" N	-1° 49' 16.31" E	ATC
60	Fort Parkway (east of site 22)	52° 30' 41.75" N	-1° 48' 27.49" E	ATC
61	Kingsbury Rd (east of Key Business Park)	52° 31' 0.37" N	-1° 48' 34.52" E	ATC

Unique Reference	Location	Longitude/ Latitude		Survey Type
62	Tyburn Rd (east of Sorrel Rd)	52° 31' 10.90" N	-1° 48' 45.96" E	ATC
63	Castle Vale Retail Park	52° 30' 59.97" N	-1° 47' 50.38" E	Public parking accumulation survey
64	Ravenside Retail Park	52° 31' 2.53" N	-1° 48' 9.57" E	Public parking accumulation survey
65	Fort Dunlop	52° 30' 38.09" N	-1° 48' 42.63" E	Public parking accumulation survey
66	Fort Shopping Centre	52° 30' 29.44" N	-1° 49' 23.27" E	Public parking accumulation survey
67	Star City	52° 30' 14.30" N	-1° 51' 20.61" E	Public parking accumulation survey
68	Jaguar - Castle Bromwich	52° 30' 53.22" N	-1° 48' 1.85" E	Private parking accumulation survey
69	The Fort Industrial Estate	52° 30' 42.15" N	-1° 48' 6.95" E	Private parking accumulation survey
70	Chester Rd Industrial Estate	52° 30' 38.42" N	-1° 47' 39.95" E	Private parking accumulation survey
71	removed			
72	Saltley Park Industrial Estate	52° 29' 36.06" N	-1° 51' 46.33" E	Private parking accumulation survey
73	Gravelly Industrial Park	52° 30' 22.59" N	-1° 50' 37.58" E	Private parking accumulation survey
74	Bromford Ln Industrial Park	52° 30' 25.98" N	-1° 50' 7.45" E	Private parking accumulation survey
75	Chester Rd (north of site 1)	52° 31' 25.80" N	-1° 48' 30.35" E	ANPR
76	Kingsbury Rd (east of site 2)	52° 31' 12.19" N	-1° 47' 55.20" E	ANPR
77	M6 WB Offslip/EB Onslip (east of site 4)	52° 30' 33.34" N	-1° 47' 22.84" E	ANPR
78	A452 (east of site 4)	52° 30' 28.73" N	-1° 47' 30.33" E	ANPR
79	Stechford Ln (south of site 7)	52° 29' 28.54" N	-1° 49' 2.18" E	ANPR
80	Saltley Rd (west of site 13)	52° 29' 32.86" N	-1° 52' 8.34" E	ANPR
81	Cuckoo Rd (north of site 86)	52° 30' 15.14" N	-1° 51' 33.89" E	ANPR

Unique Reference	Location	Longitude/ Latitude		Survey Type
82	Tyburn Rd (west of site 18)	52° 30' 32.12" N	-1° 50' 17.03" E	ANPR
83	Bromford Ln (north of site 19)	52° 30' 45.94" N	-1° 50' 4.90" E	ANPR
84	Alum Rock Rd (east of site 11)	52° 29' 28.35" N	-1° 51' 29.49" E	ATC
85	B4132/Duddeston Mill Rd/Great Francis St Junction	52° 29' 19.69" N	-1° 52' 17.96" E	CTC, Que
86	B4137/Watson Rd Junction	52° 30' 11.76" N	-1° 51' 27.17" E	CTC, Que
87	A452 Chester Road	52° 30' 40.81" N	-1° 47' 50.11" E	MCC (Ped & Cycle link survey)
88	A4040 Bromford Lane	52° 30' 18.86" N	-1° 49' 50.61" E	MCC (Ped & Cycle link survey)
89	Access road from A47 Heartlands Parkway bridging WCML and HS2 route	52° 30' 7.34" N	-1° 50' 37.89" E	MCC (Ped & Cycle link survey)
90	Aston church Road	52° 29' 54.12" N	-1° 51' 27.09" E	MCC (Ped & Cycle link survey)
91	B4114 High Street	52° 29' 33.15" N	-1° 51' 50.42" E	MCC (Ped & Cycle link survey)
92	Duddeston Mill Road	52° 29' 15.23" N	-1° 51' 56.91" E	MCC (Ped & Cycle link survey)

Codes      CTC - manual classified count / classified turning count

MCC - manual classified count - link count

ANPR - origin-destination surveys

Que - queue surveys

Sig - traffic signal timing survey

JTS - journey time surveys

ATC - automatic traffic count

Sat - saturation flow survey

Table 14: Birmingham City Centre area survey schedule

## Birmingham City Centre area

Unique Ref	Location	Longitude/ Latitude		Survey Type
1	Moor Street Queensway / Park Street Junction	52° 28' 44.47" N	-1° 53' 25.26" E	CTC, Que, Sat, Sig
2	Moor St Queensway / Priory Queensway Junction	52° 28' 52.74" N	-1° 53' 26.89" E	CTC, Que, Sat, Sig, Ped
3	Moor St Queensway / Chapel St / Jennens Road	52° 28' 55.98" N	-1° 53' 24.05" E	CTC, Que, Sat, Sig, Ped
4	Moor Street Queensway (between Albert St and Carrs Lane)	52° 28' 47.85" N	-1° 53' 31.25" E	ATC
5	Moor Street Queensway (north of Albert St)	52° 28' 52.24" N	-1° 53' 27.45" E	ATC
6	Park St (north of Fazeley Street)	52° 28' 51.34" N	-1° 53' 23.47" E	ATC
7	New Canal St	52° 28' 48.32" N	-1° 53' 14.54" E	ATC
8	Curzon St	52° 28' 55.09" N	-1° 53' 08.68" E	ATC
9	A4540 Ring Road North of Curzon Street	52° 29' 17.41" N	-1° 53' 04.83" E	ATC
10	A4540 Ring Road South of Curzon Street	52° 29' 04.42" N	-1° 52' 51.82" E	ATC
11	A4540 Ring Road South of Lister Street	52° 28' 48.31" N	-1° 52' 36.86" E	ATC
12	A4540 Ring Road South of Garrison Circus	52° 28' 37.69" N	-1° 52' 31.59" E	ATC
13	Great Barr Street, to West of Garrison Circus	52° 28' 44.72" N	-1° 52' 39.59" E	ATC
14	Digbeth High Street, south of New Canal Street	52° 28' 33.14" N	-1° 53' 22.66" E	ATC
P1	Crossing between centre reserve and Bull Ring (South of Moor St Station)			Ped X, Sig
P2	Crossing between Moor Street Station and centre reserve (South of Moor Street Station)			Ped X, Sig
P3	Crossing between centre reserve and Pavillions Shopping Centre			Ped X, Sig
P4	Crossing to the south of Carrs Lane			Ped X, Sig
P5	Crossing at Carrs Lane (i.e. across Carrs Lane)			Ped X, Sig
P6	Crossing to the north of Carrs Lane			Ped X, Sig
P7	Crossing to the south of Albert Street			Ped X, Sig
P8	Crossing at Albert Street (i.e. across Albert Street)			Ped X, Sig
P9	Crossing midway between Albert Street and Masshouse Lane			Ped X, Sig
P10	Crossing of service road outside M&S, on south side of Carrs Lane			Ped X, Sig
P11	St Martins Passage ramp & steps			Ped F
P12	Footway through St Martins Queensway Tunnel, east side			Ped F
P13	Flows into and out of Pavillions Entrance			Ped F

Birmingham City Centre area

Unique Ref	Location	Longitude/ Latitude		Survey Type
P14	Footway to East of bus stop B3, between B3 and crossing P4			Ped F
P15	Footway to between crossing P4 and P6			Ped F
P16	Footway on north side of Carrs Lane			Ped F
P25	Flows into and out of Bull Ring Entrance on Park Street			Ped F
P26	Flows into and out of Moor Street Station			Ped F
P27	Footway between Moor Street Station and crossing P4			Ped F
P28	Footway immediately East of Crossing P3			Ped F
B1,B2	Bus stop seating area between bus stops B1 & B2 (west side of MSQ opposite Moor Street Station)			Ped W
B3	Bus stop seating area B3 (west side of MSQ opposite Moor Street Station)			Ped W

Codes

CTC CTC - manual classified count / classified turning count

MCC MCC - manual classified count - link count

Que queue auveys

Sig traffic signal timing survey

ATC automatic traffic count

Sat saturation flow survey

Ped X pedestrian crossing survey (by direction)

Ped F pedestrian flow (by direction)

Ped W pedestrians waiting at bus stops





Figure 3: Birmingham City Centre pedestrian survey – Moor Street Queensway

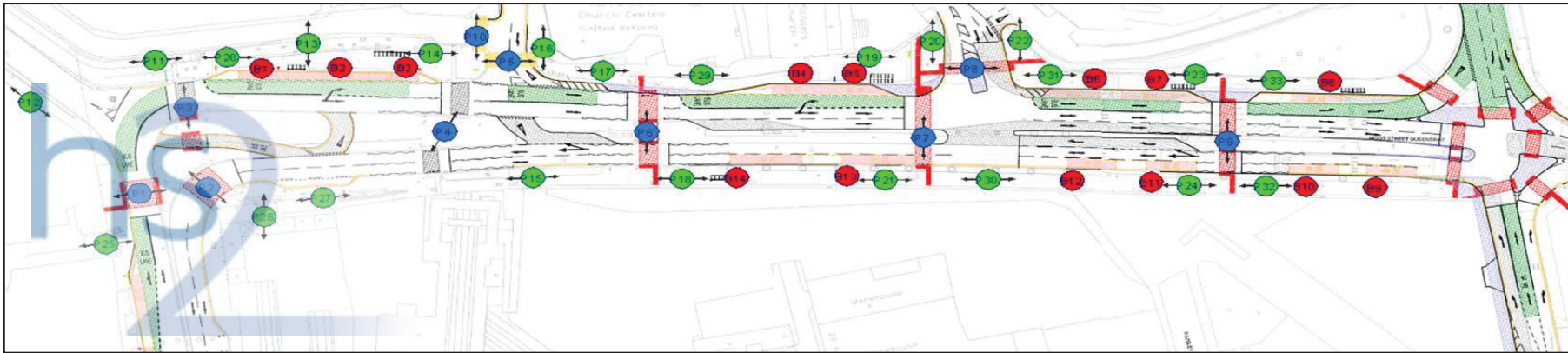




Table 15: Balsall Common area survey schedule - PRoW surveys

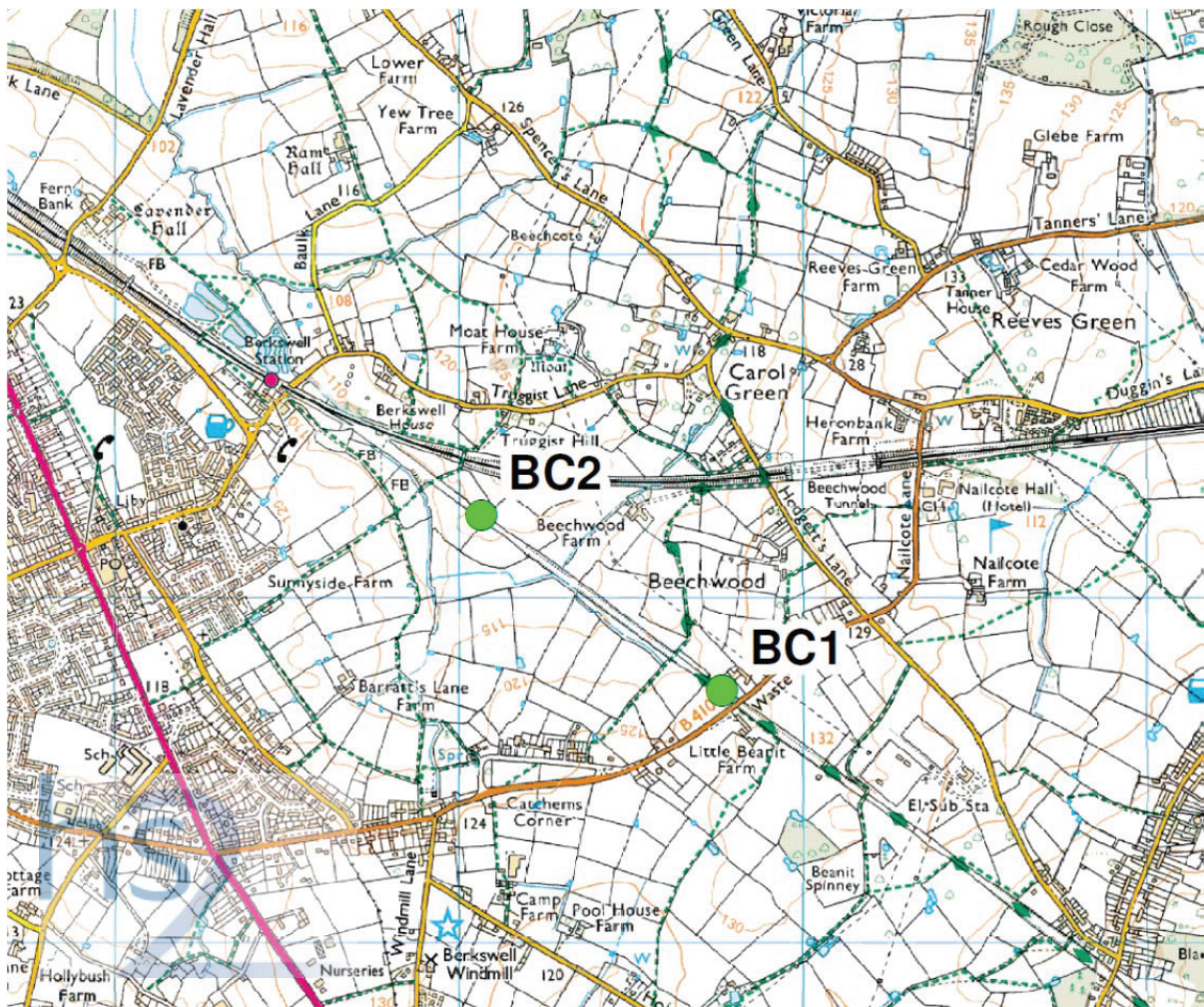
Balsall Common area

Unique Ref	Location	OS Grid Reference (E, N)	Survey Type
BC1	Kenilworth Greenway (off Waste Lane)	425766,276731	PRoW
BC2	Kenilworth Greenway (west of Beechwood Farm)	425065,277240	PRoW
BC3	Private Road (off Marsh Lane)	421936,280267	PRoW

Codes

PRoW public rights of way survey

Figure 4: Balsall Common surveys







## Appendix B – Summary data of surveys undertaken

This section summarises the traffic flow and PRow survey data used for baseline purposes in the assessment of the Proposed Scheme in the West Midlands. It includes:

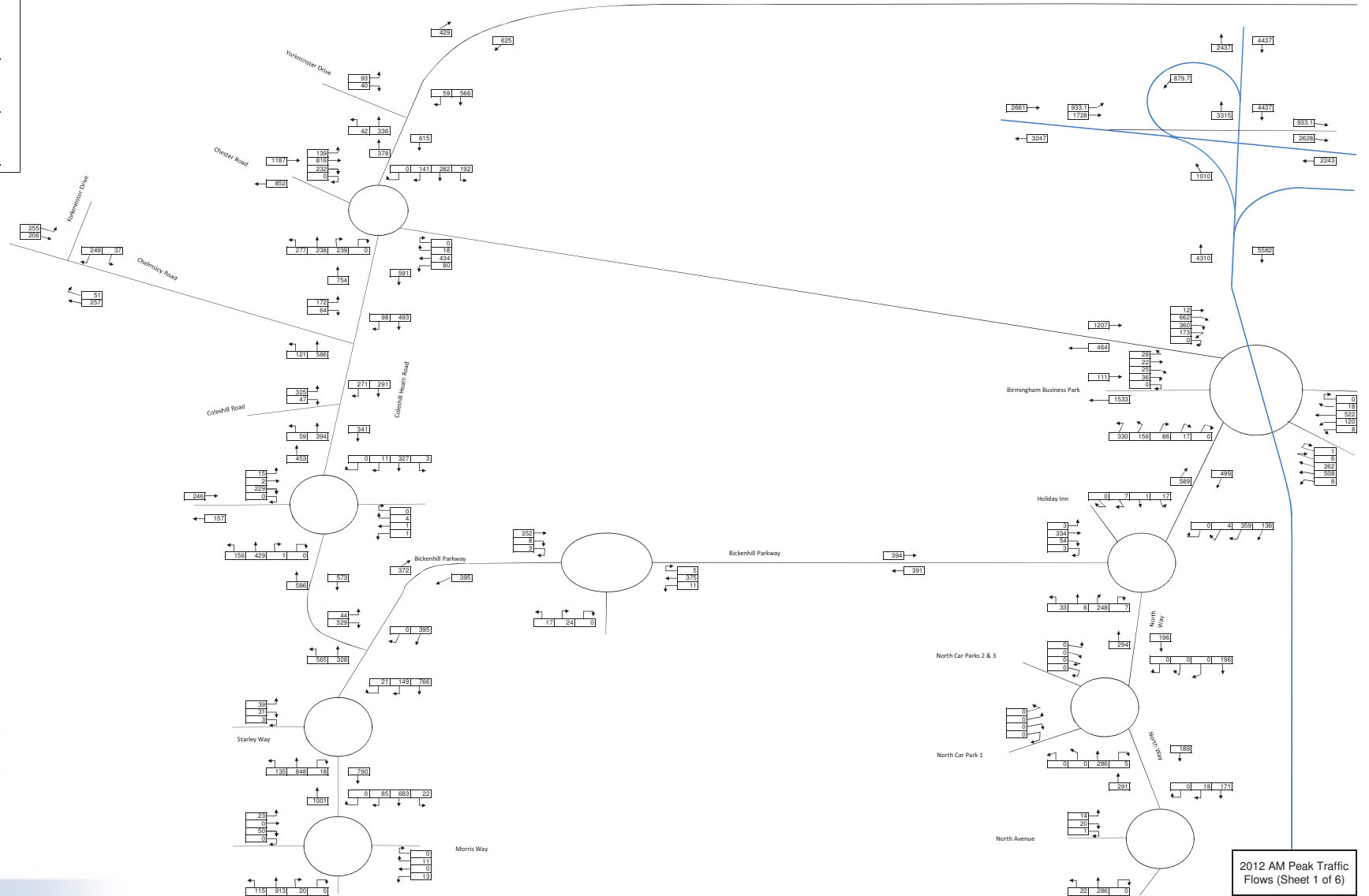
- summary of AM and PM peak traffic flows for Balsall Common and Hampton-in-Arden (CFA23) and Birmingham Interchange and Chelmsley Wood (CFA24);
- journey time surveys for Balsall Common and Hampton-in-Arden (CFA23) and Birmingham Interchange and Chelmsley Wood (CFA24);
- PRow data for for Balsall Common and Hampton-in-Arden (CFA23) and Birmingham Interchange and Chelmsley Wood (CFA 24);
- parking accumulation surveys at Birmingham International Station (CFA 24);
- summary baseline link flows within the the Castle Bromwich and Bromford (CFA25) and in the area around the proposed depot in Washwood Heath to Curzon Street (CFA26);
- manual classified turning count data for junctions within the Castle Bromwich and Bromford (CFA25) and in the area around the proposed depot in Washwood Heath to Curzon Street (CFA26);
- summary of AM and PM peak baseline traffic flows for Birmingham city centre around proposed Curzon Street station (CFA26) - BCCM observed 2012 baseline flows;
- summary of Birmingham PRow survey data for Washwood Heath to Curzon Street (CFA26);
- summary of pedestrian and bus survey data for Birmingham city centre around proposed Curzon Street station (Moor Street Queensway); and
- parking accumulation surveys in Birmingham city centre around proposed Curzon Street station (CFA26).

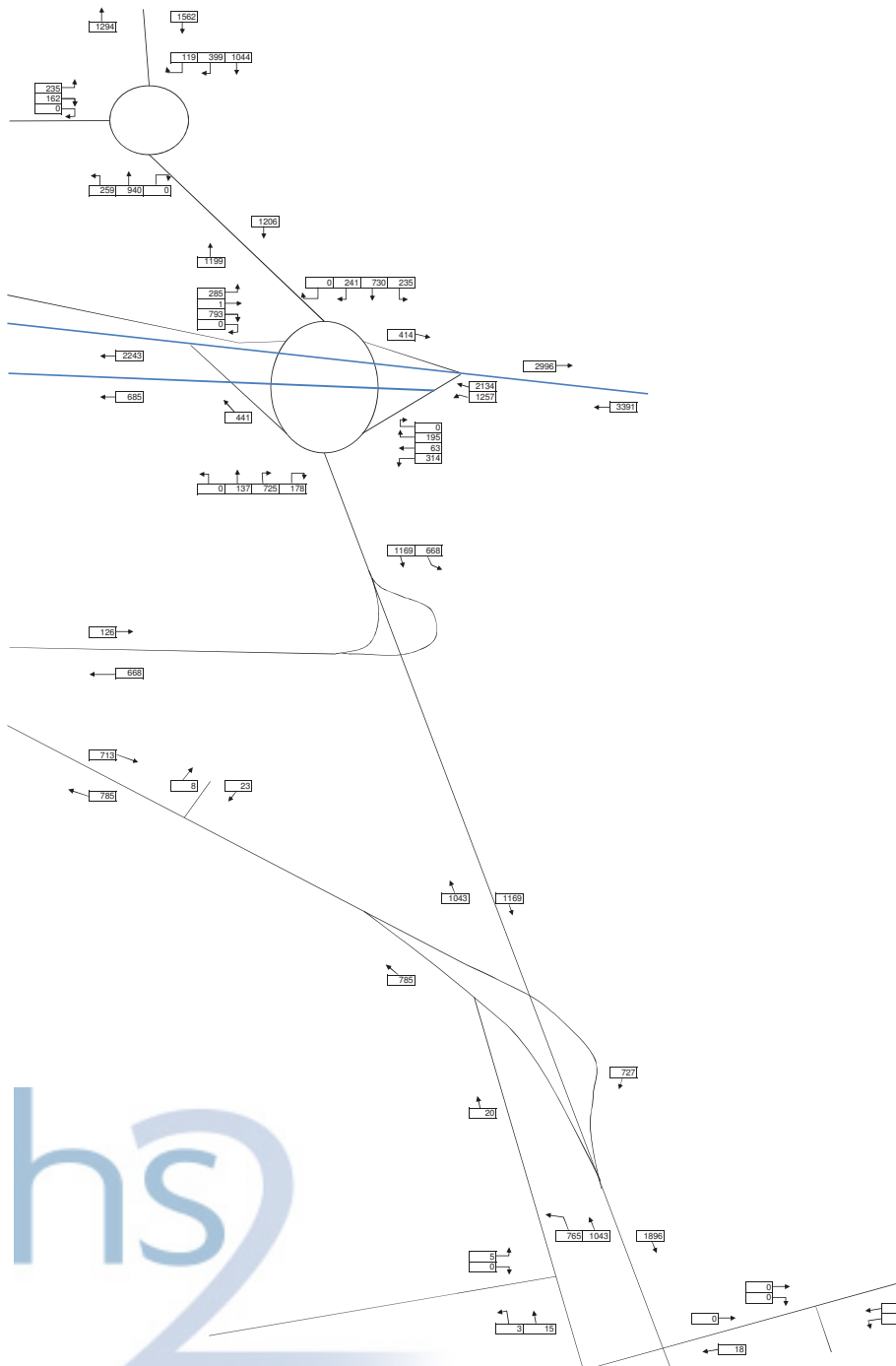
## **Appendix B1 - summary of AM and PM peak traffic flows for Balsall Common and Hampton-in-Arden (CFA23) and Birmingham Interchange and Chelmsley Wood (CFA24)**

# Key Plan

1 Elmdon Trading Estate and links to Chemsley Wood	2 Birmingham Interchange Station Area
3 Birmingham Airport and Birmingham International Station Area	4 M42 J6 / Stonebridge Roundabout / Hampton in Arden Area

5 Balsall Common Area (north)
6 Balsall Common Area (south)

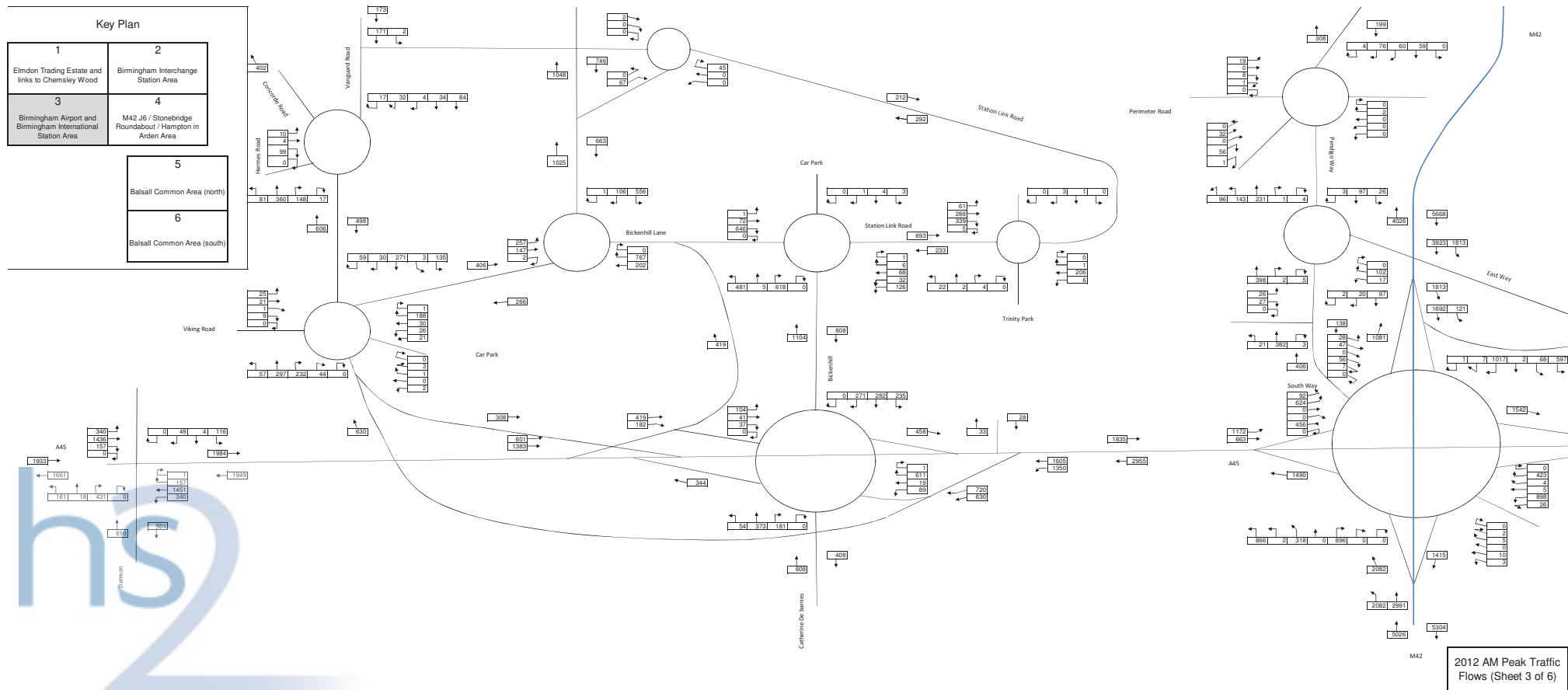


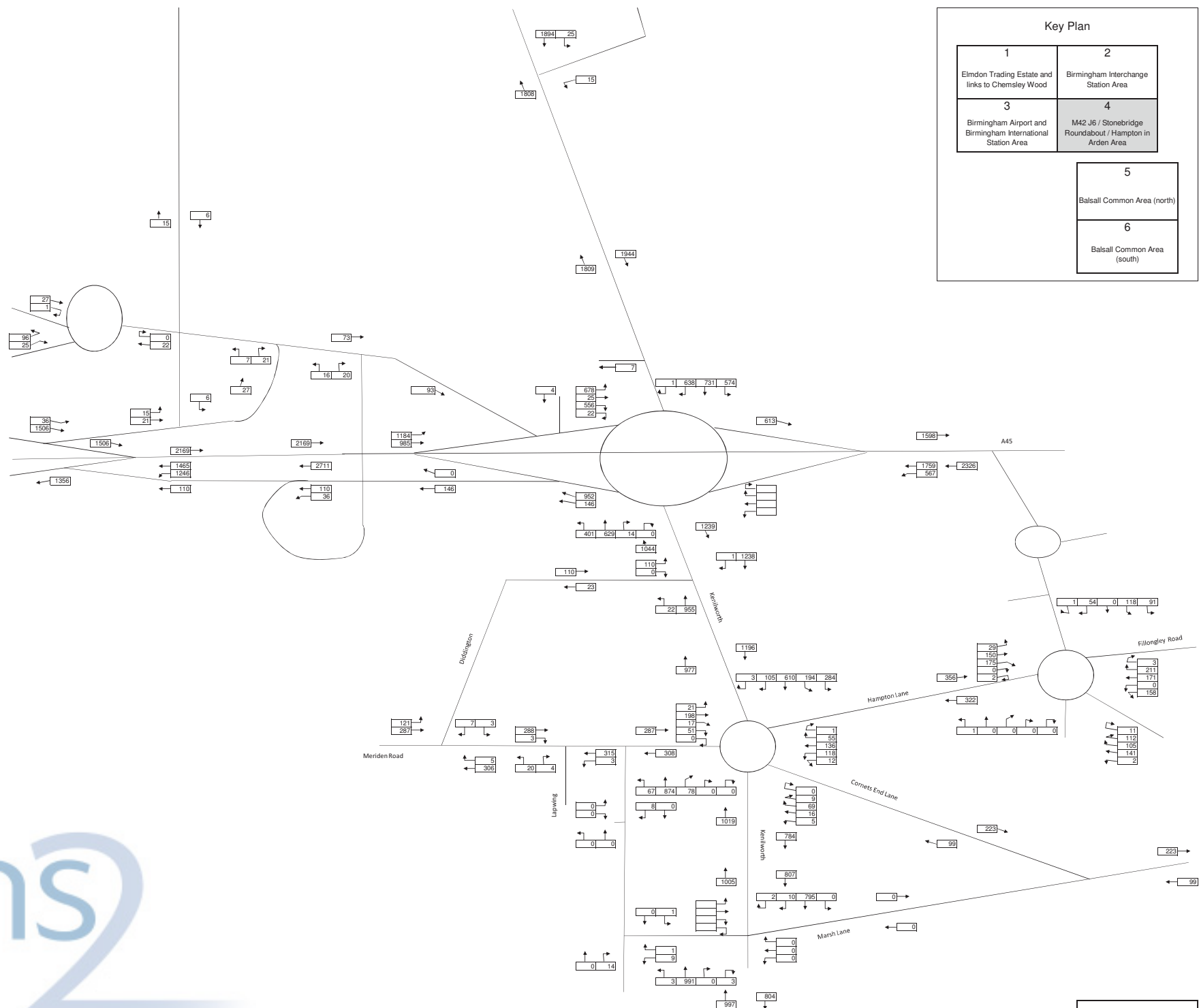


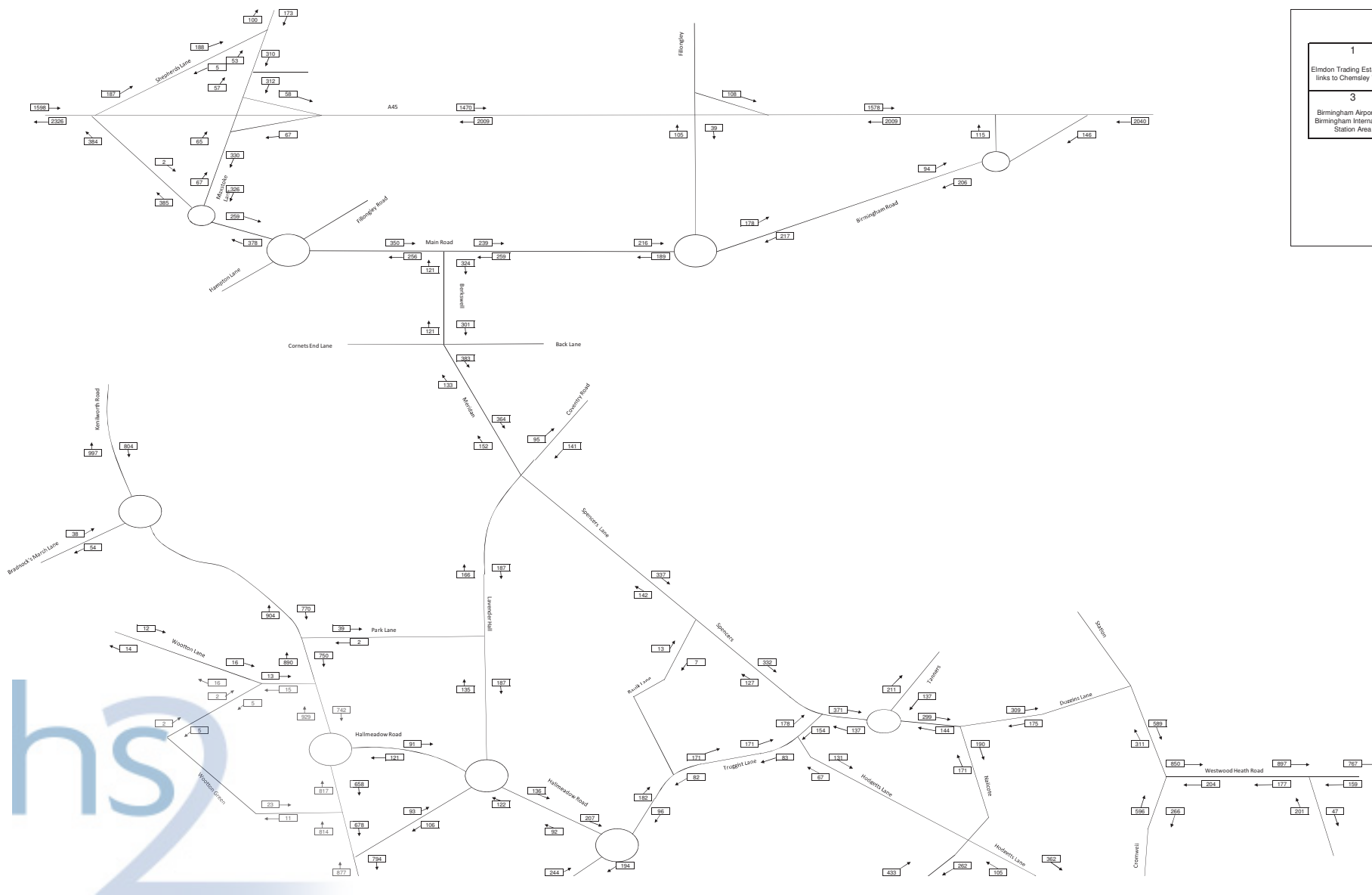
Key Plan

1 Elmdon Trading Estate and links to Chemsley Wood	2 Birmingham Interchange Station Area
3 Birmingham Airport and Birmingham International Station Area	4 M42 J6 / Stonebridge Roundabout / Hampton in Arden Area
5 Balsall Common Area (north)	
6 Balsall Common Area (south)	









Key Plan	
1 Elmdon Trading Estate and links to Chemsley Wood	2 Birmingham Interchange Station Area
3 Birmingham Airport and Birmingham International Station Area	4 M42 J6 / Stonebridge Roundabout / Hampton in Arden Area
5 Balsall Common Area (north)	
6 Balsall Common Area (south)	

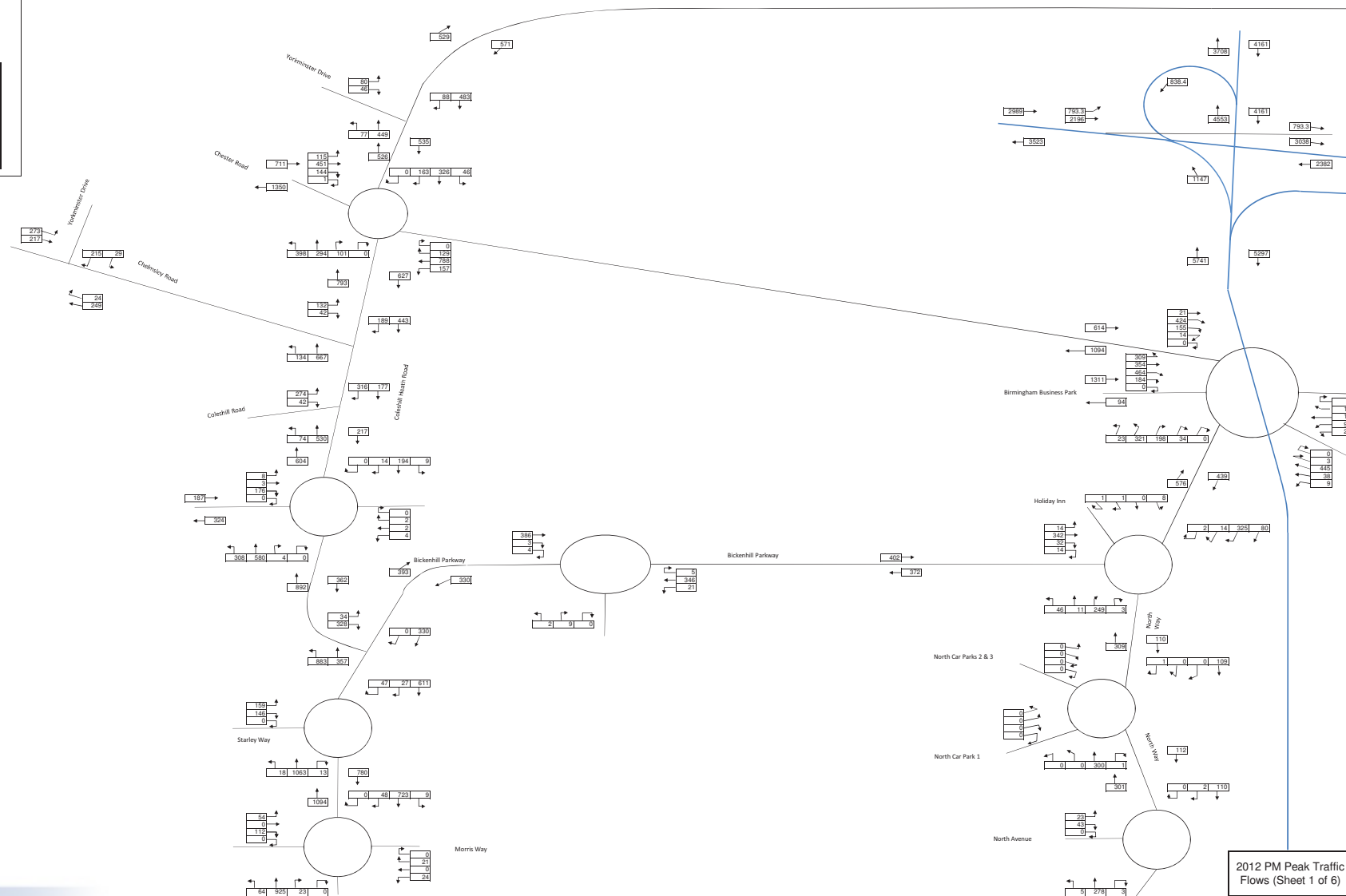
2012 AM Peak Traffic Flows (Sheet 5 of 6)

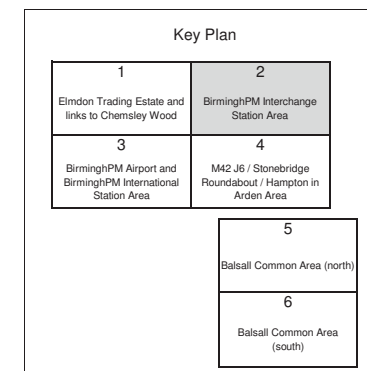
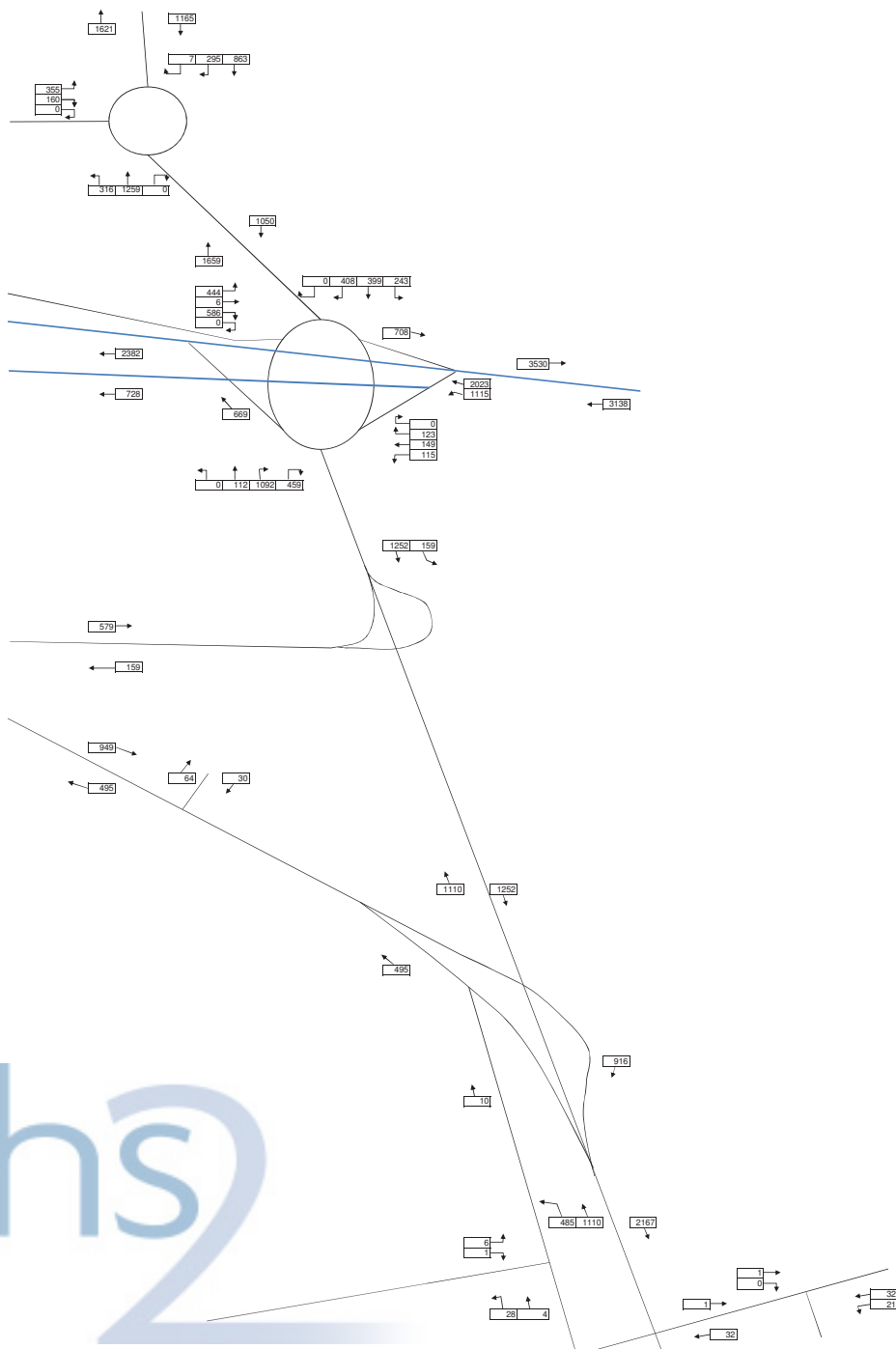


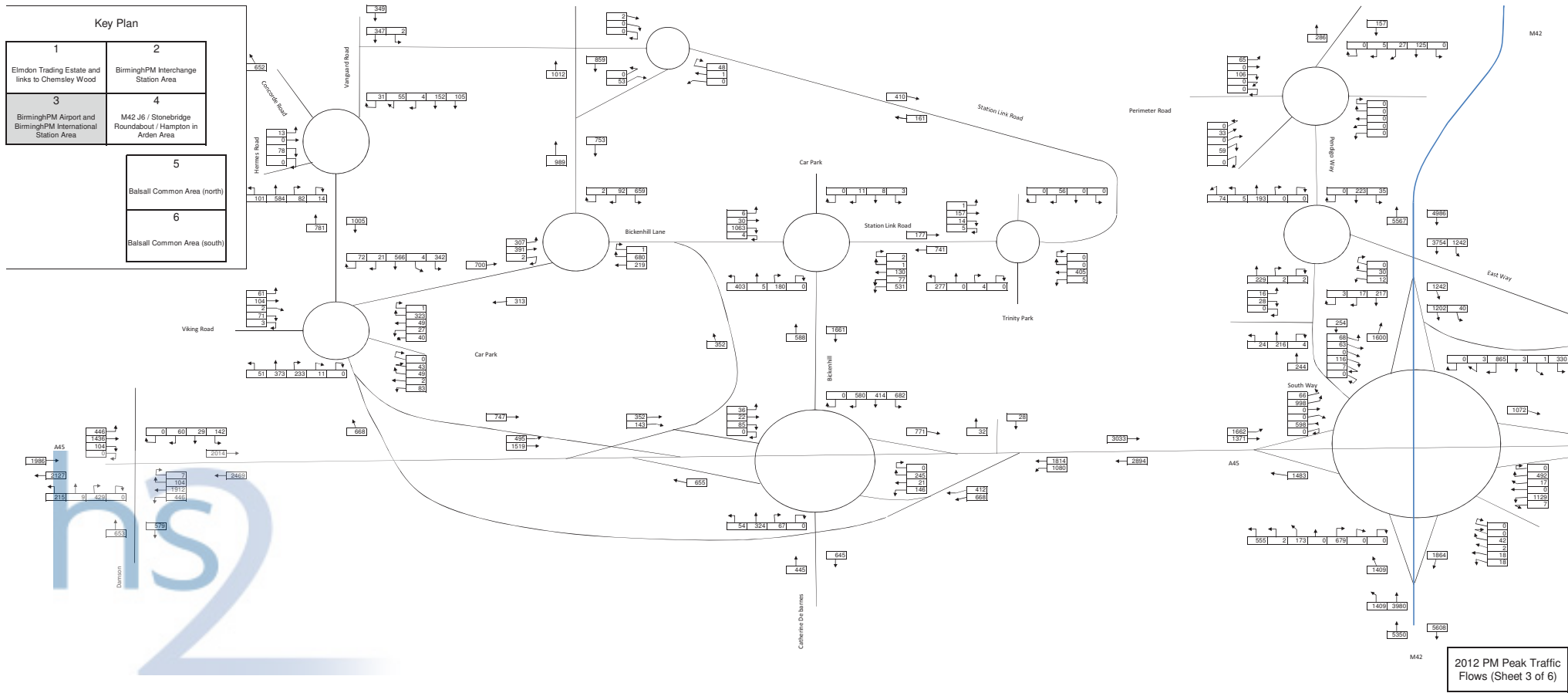
# Key Plan

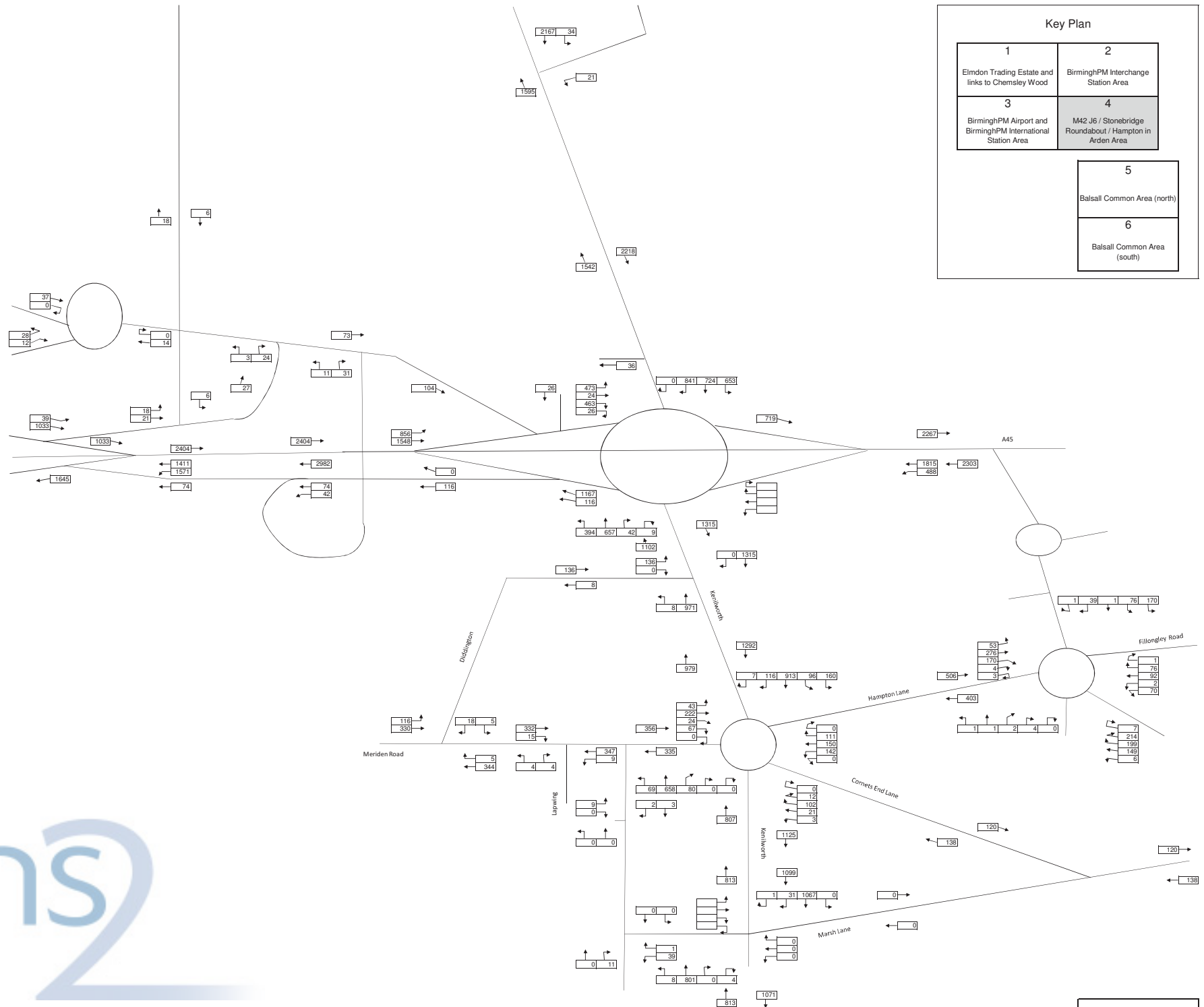
1	2
Elmdon Trading Estate and links to Chemsley Wood	Birmingham Interchange Station Area
3	4
Birmingham Airport and Birmingham International Station Area	M42 J6 / Stonebridge Roundabout / Hampton in Arden Area

5
Balsall Common Area (north)
6
Balsall Common Area (south)







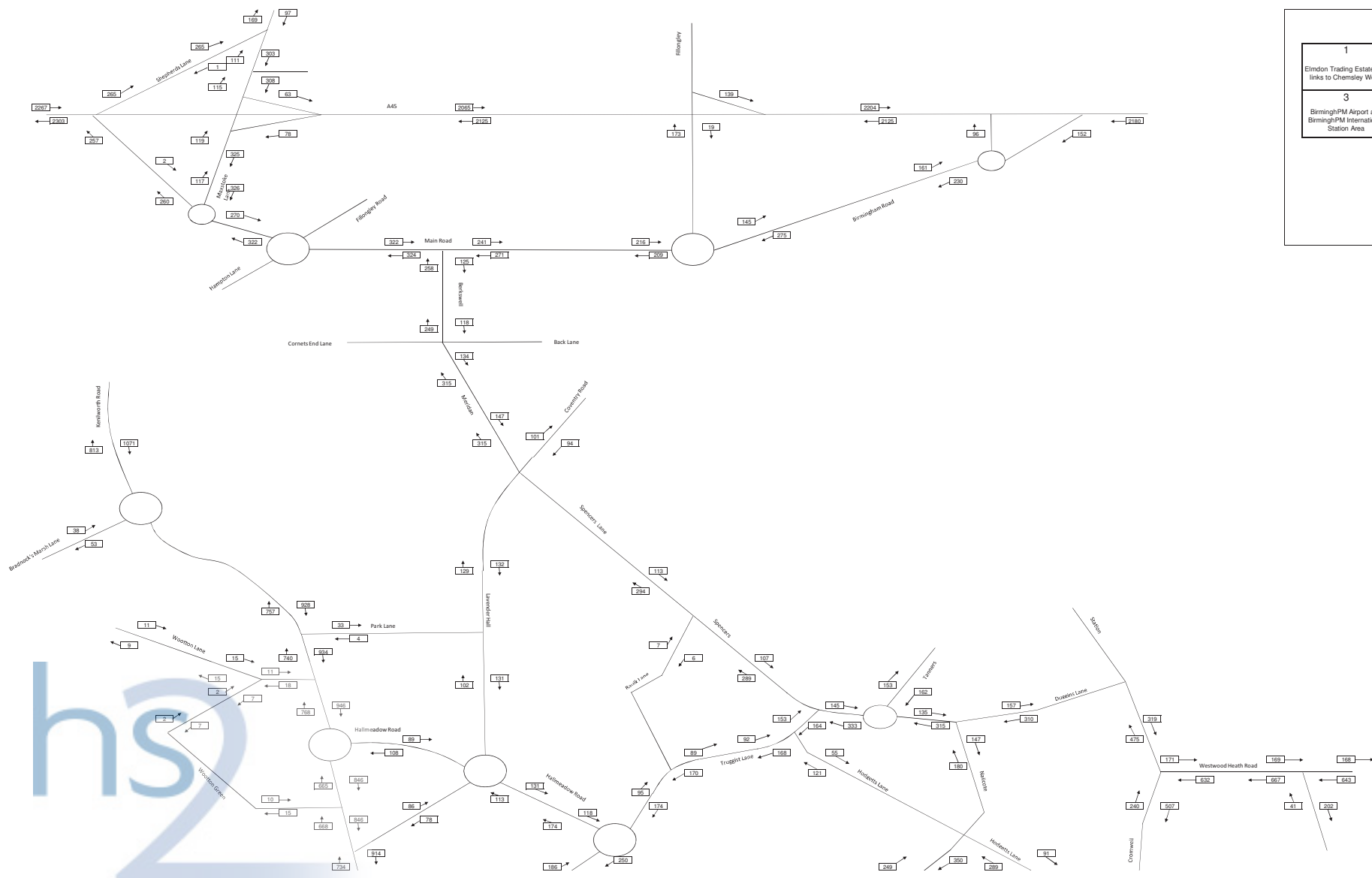


### Key Plan

1	2
Elmdon Trading Estate and links to Chemsley Wood	BirminghamPM Interchange Station Area
3	4
BirminghamPM Airport and BirminghamPM International Station Area	M42 J6 / Stonebridge Roundabout / Hampton in Arden Area

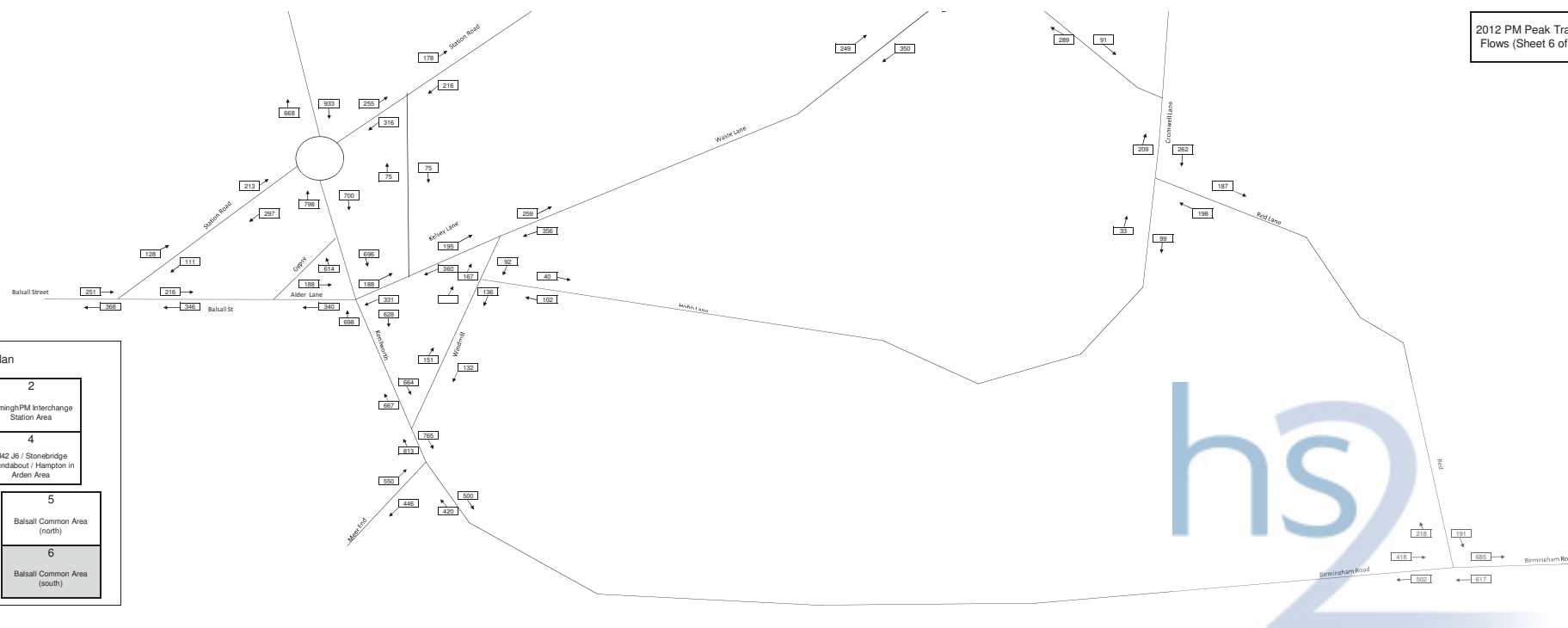
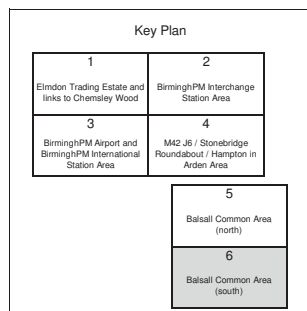
5
Balsall Common Area (north)
6
Balsall Common Area (south)



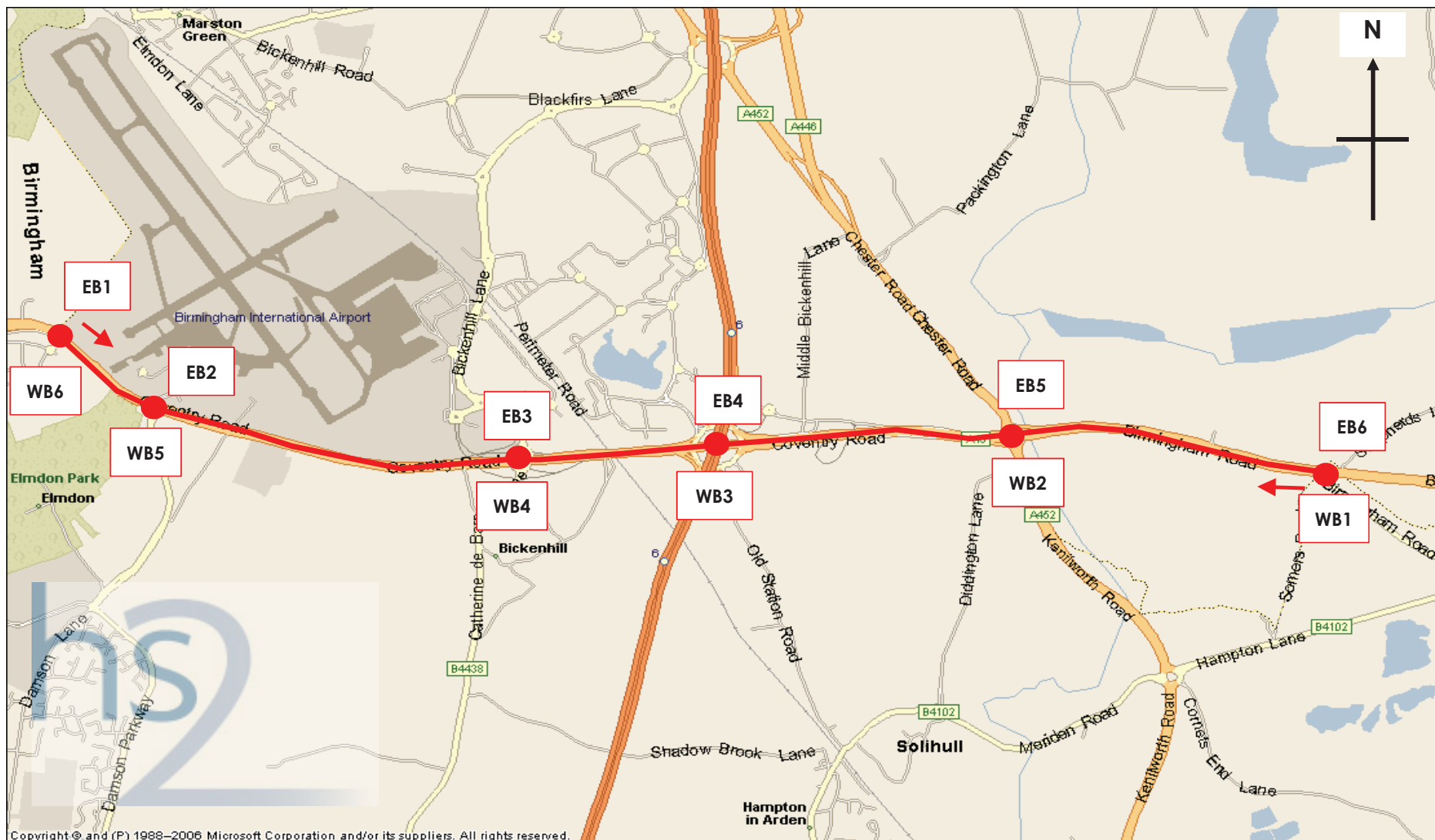



Key Plan			
1	2		
Elmdon Trading Estate and links to Chemsley Wood	Birmingham Interchange Station Area		
3	4		
Birmingham Airport and Birmingham International Station Area	M42 J6 / Stonebridge Roundabout / Hampton in Arden Area		
		5	
		Balsall Common Area (north)	
		6	
		Balsall Common Area (south)	

2012 PM Peak Traffic Flows (Sheet 5 of 6)




## **Appendix B2 - journey time surveys for Balsall Common and Hampton-in-Arden (CFA23) and Birmingham Interchange and Chelmsley Wood (CFA24)**



	Site / Location:	B31 - A45 Coventry Road	Project No:	2112	Drawing No:	2112-01	Drawn By:	NT
	Survey Date:	June 2012	Project Name:	West Midlands HS2				
	Survey Times:	07:00 to 10:00 & 16:00 to 19:00	Drawing Title:	Timing Points				



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	Site / Location:	B31 - A45 Coventry Road	Project No:	2112	Drawing No:	2112-01	Drawn By:	NT
	Survey Date:	June 2012	Project Name:	West Midlands HS2				
	Survey Times:	07:00 to 10:00 & 16:00 to 19:00	Drawing Title:	Timing Points				

**Route: B31 - A45 Coventry Road Eastbound**
**Time: 07:00 to 10:00**
**Journey Times**

Date	Time at	TP1	TP2	TP3	TP4	TP5	TP6
26/06/2012	Run 1	07:06:22	07:07:39	07:09:01	07:09:41	07:10:40	07:12:04
26/06/2012	Run 2	07:20:55	07:21:33	07:22:55	07:23:39	07:24:45	07:26:07
26/06/2012	Run 3	07:36:41	07:38:11	07:39:37	07:40:21	07:41:22	07:42:38
26/06/2012	Run 4	07:52:23	07:53:51	07:55:19	07:56:00	07:57:03	07:58:22
26/06/2012	Run 5	08:07:32	08:08:17	08:09:41	08:10:20	08:11:21	08:12:46
26/06/2012	Run 6	08:25:36	08:26:49	08:28:19	08:28:59	08:29:57	08:31:16
26/06/2012	Run 7	08:47:26	08:48:04	08:49:23	08:50:02	08:50:59	08:52:10
26/06/2012	Run 8	09:06:54	09:07:39	09:09:01	09:09:38	09:10:37	09:11:49
26/06/2012	Run 9	09:21:47	09:22:38	09:23:59	09:24:38	09:25:35	09:26:49
26/06/2012	Run 10	09:36:17	09:37:39	09:39:00	09:39:40	09:40:42	09:42:10

**Trip Time Between Points**

Date	Time at	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Total
26/06/2012	Run 1	00:01:17	00:01:23	00:00:40	00:00:59	00:01:23	00:05:42
26/06/2012	Run 2	00:00:38	00:01:22	00:00:44	00:01:06	00:01:22	00:05:12
26/06/2012	Run 3	00:01:30	00:01:26	00:00:44	00:01:01	00:01:16	00:05:57
26/06/2012	Run 4	00:01:28	00:01:28	00:00:41	00:01:03	00:01:19	00:05:59
26/06/2012	Run 5	00:00:45	00:01:24	00:00:39	00:01:01	00:01:24	00:05:14
26/06/2012	Run 6	00:01:12	00:01:30	00:00:40	00:00:58	00:01:19	00:05:40
26/06/2012	Run 7	00:00:37	00:01:19	00:00:39	00:00:57	00:01:12	00:04:44
26/06/2012	Run 8	00:00:45	00:01:22	00:00:37	00:00:59	00:01:12	00:04:55
26/06/2012	Run 9	00:00:51	00:01:21	00:00:39	00:00:57	00:01:14	00:05:01
26/06/2012	Run 10	00:01:22	00:01:21	00:00:40	00:01:03	00:01:28	00:05:53

**Average Speed Between Points**

Date	Speed (mph)	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Average
26/06/2012	Run 1	19.2	53.1	57.7	59.1	47.3	47.3
26/06/2012	Run 2	38.5	53.6	52.6	53.1	47.8	49.1
26/06/2012	Run 3	16.4	50.9	52.5	57.7	51.6	45.8
26/06/2012	Run 4	16.8	49.8	56.1	55.7	50.1	45.7
26/06/2012	Run 5	32.9	52.1	49.6	57.2	46.8	47.7
26/06/2012	Run 6	20.4	48.8	57.2	60.5	49.8	47.3
26/06/2012	Run 7	39.6	55.5	49.2	61.6	55.1	52.2
26/06/2012	Run 8	32.9	53.5	51.1	59.3	54.9	50.3
26/06/2012	Run 9	28.8	54.5	49.2	61.2	53.6	49.5
26/06/2012	Run 10	18.1	54.4	57.3	55.8	44.6	46.0

Distance (Mi)	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6
	0.410	1.217	0.604	0.974	1.095

**Route: B31 - A45 Coventry Road Eastbound**
**Time: 16:00 to 19:00**
**Journey Times**

Date	Time at	TP1	TP2	TP3	TP4	TP5	TP6
26/06/2012	Run 11	15:59:09	16:00:21	16:01:48	16:02:30	16:03:32	16:04:49
26/06/2012	Run 12	16:17:09	16:18:20	16:19:46	16:20:26	16:21:28	16:22:46
26/06/2012	Run 13	16:39:07	16:40:33	16:42:08	16:42:46	16:43:42	16:44:54
26/06/2012	Run 14	16:54:21	16:55:31	16:57:05	16:57:44	16:58:42	16:59:56
26/06/2012	Run 15	17:10:45	17:11:38	17:13:03	17:13:40	17:14:37	17:15:50
26/06/2012	Run 16	17:24:52	17:26:00	17:27:27	17:28:06	17:29:05	17:30:17
26/06/2012	Run 17	17:39:50	17:41:15	17:42:36	17:43:15	17:44:14	17:45:24
26/06/2012	Run 18	17:54:24	17:56:01	17:57:22	17:58:04	17:59:05	18:00:16
26/06/2012	Run 19	18:09:26	18:10:21	18:11:53	18:12:34	18:13:34	18:14:46
26/06/2012	Run 20	18:23:39	18:24:10	18:25:28	18:26:07	18:27:07	18:28:19

**Trip Time Between Points**

Date	Time at	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Total
26/06/2012	Run 11	00:01:12	00:01:27	00:00:42	00:01:02	00:01:17	00:05:40
26/06/2012	Run 12	00:01:11	00:01:26	00:00:41	00:01:01	00:01:19	00:05:37
26/06/2012	Run 13	00:01:26	00:01:35	00:00:38	00:00:55	00:01:12	00:05:46
26/06/2012	Run 14	00:01:09	00:01:34	00:00:39	00:00:57	00:01:14	00:05:35
26/06/2012	Run 15	00:00:53	00:01:24	00:00:37	00:00:57	00:01:13	00:05:05
26/06/2012	Run 16	00:01:08	00:01:26	00:00:39	00:00:59	00:01:13	00:05:25
26/06/2012	Run 17	00:01:26	00:01:21	00:00:40	00:00:59	00:01:10	00:05:34
26/06/2012	Run 18	00:01:37	00:01:21	00:00:42	00:01:01	00:01:11	00:05:52
26/06/2012	Run 19	00:00:56	00:01:32	00:00:41	00:01:00	00:01:12	00:05:20
26/06/2012	Run 20	00:00:31	00:01:18	00:00:39	00:01:00	00:01:12	00:04:40

**Average Speed Between Points**

Date	Speed (mph)	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Average
26/06/2012	Run 11	20.7	50.6	54.4	56.3	51.1	46.6
26/06/2012	Run 12	21.0	51.3	56.3	57.3	50.2	47.2
26/06/2012	Run 13	17.1	46.3	49.9	63.4	54.9	46.3
26/06/2012	Run 14	21.3	46.5	48.7	61.0	53.3	46.2
26/06/2012	Run 15	27.5	48.4	59.3	61.4	54.3	50.2
26/06/2012	Run 16	21.6	50.9	58.8	59.4	54.3	49.0
26/06/2012	Run 17	17.3	54.5	58.0	59.6	56.5	49.2
26/06/2012	Run 18	15.3	54.3	54.3	57.0	55.9	47.4
26/06/2012	Run 19	26.7	47.8	56.2	58.5	54.6	48.8
26/06/2012	Run 20	48.0	56.5	59.3	58.3	54.3	55.3

Distance (Mi)	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6
	0.410	1.217	0.604	0.974	1.095

**Timing Points      B31 - A45 Coventry Road Eastbound**
**Eastbound**

No	Description	long	lat
1	A45 / Goodway Road junction	-1.76056	52.45096
2	A45 / Damson Parkway traffic signals	-1.75318	52.44723
3	A45 / Bickenhill Lane junction	-1.725	52.44444
4	A45 / M42 junction 6	-1.70996	52.44516
5	A45 / A446 Stonebridge junction	-1.68698	52.44566
6	A45 / Shepherds Lane junction	-1.66147	52.4438

**Westbound**

No	Description	long	lat
1	A45 / Shepherds Lane junction	-1.66534	52.44384
2	A45 / A446 Stonebridge junction	-1.68698	52.44555
3	A45 / M42 junction 6	-1.70982	52.44507
4	A45 / Bickenhill Lane junction	-1.72494	52.44431
5	A45 / Damson Parkway traffic signals	-1.75313	52.44701
6	A45 / Goodway Road junction	-1.76064	52.45083



**Route: B31 - A45 Coventry Road Westbound**
**Time: 07:00 to 10:00**
**Journey Times**

Date	Time at	TP1	TP2	TP3	TP4	TP5	TP6
26/06/2012	Run 1	06:58:49	06:59:51	07:00:54	07:01:38	07:03:53	07:04:35
26/06/2012	Run 2	07:14:37	07:15:39	07:16:41	07:17:24	07:19:15	07:19:57
26/06/2012	Run 3	07:29:20	07:30:17	07:31:20	07:32:02	07:34:11	07:34:52
26/06/2012	Run 4	07:45:21	07:46:19	07:47:22	07:48:07	07:50:10	07:50:52
26/06/2012	Run 5	08:01:01	08:02:02	08:03:03	08:03:45	08:06:06	08:06:43
26/06/2012	Run 6	08:15:29	08:16:28	08:17:29	08:18:08	08:20:55	08:24:06
26/06/2012	Run 7	08:33:45	08:34:40	08:35:37	08:36:18	08:38:39	08:43:37
26/06/2012	Run 8	08:54:34	08:55:30	08:56:29	08:57:09	08:58:39	09:02:59
26/06/2012	Run 9	09:14:11	09:15:05	09:16:04	09:16:46	09:18:32	09:19:32
26/06/2012	Run 10	09:29:18	09:30:14	09:31:13	09:31:54	09:33:39	09:34:19

**Trip Time Between Points**

Date	Time at	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Total
26/06/2012	Run 1	00:01:02	00:01:03	00:00:44	00:02:15	00:00:42	00:05:46
26/06/2012	Run 2	00:01:01	00:01:02	00:00:43	00:01:51	00:00:42	00:05:20
26/06/2012	Run 3	00:00:57	00:01:03	00:00:42	00:02:09	00:00:41	00:05:32
26/06/2012	Run 4	00:00:58	00:01:03	00:00:45	00:02:02	00:00:42	00:05:31
26/06/2012	Run 5	00:01:01	00:01:01	00:00:42	00:02:20	00:00:37	00:05:41
26/06/2012	Run 6	00:01:00	00:01:00	00:00:40	00:02:47	00:03:11	00:08:38
26/06/2012	Run 7	00:00:55	00:00:57	00:00:41	00:02:21	00:04:58	00:09:52
26/06/2012	Run 8	00:00:56	00:00:59	00:00:40	00:01:30	00:04:20	00:08:25
26/06/2012	Run 9	00:00:54	00:00:59	00:00:42	00:01:47	00:01:00	00:05:21
26/06/2012	Run 10	00:00:56	00:00:59	00:00:41	00:01:45	00:00:40	00:05:00

**Average Speed Between Points**

	Speed (mph)	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Average
26/06/2012	Run 1	54.0	55.6	52.0	32.5	35.9	46.0
26/06/2012	Run 2	54.8	55.7	54.0	39.5	35.9	48.0
26/06/2012	Run 3	59.1	55.3	55.2	34.0	36.7	48.0
26/06/2012	Run 4	57.6	55.2	51.3	35.8	35.5	47.1
26/06/2012	Run 5	55.3	57.1	54.5	31.3	40.6	47.7
26/06/2012	Run 6	56.3	57.8	58.0	26.3	7.9	41.3
26/06/2012	Run 7	61.3	61.6	55.9	31.1	5.0	43.0
26/06/2012	Run 8	60.5	59.2	48.3	48.7	5.8	44.5
26/06/2012	Run 9	62.4	59.2	55.2	41.1	25.1	48.6
26/06/2012	Run 10	60.1	59.3	55.6	41.9	37.8	50.9

Distance (Mi)	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Total
	0.934	0.967	0.622	1.214	0.417	4.155

**Route: B31 - A45 Coventry Road Westbound**
**Time: 16:00 to 19:00**
**Journey Times**

Date	Time at	TP1	TP2	TP3	TP4	TP5	TP6
26/06/2012	Run 11	16:07:21	16:08:20	16:09:21	16:10:01	16:11:45	16:12:42
26/06/2012	Run 12	16:25:08	16:26:05	16:27:06	16:27:49	16:29:43	16:30:31
26/06/2012	Run 13	16:47:07	16:47:59	16:48:58	16:49:38	16:51:30	16:52:25
26/06/2012	Run 14	17:02:11	17:03:08	17:04:04	17:04:43	17:06:52	17:07:38
26/06/2012	Run 15	17:18:13	17:19:07	17:20:05	17:20:45	17:23:13	17:23:58
26/06/2012	Run 16	17:32:59	17:33:53	17:34:55	17:35:37	17:37:53	17:38:38
26/06/2012	Run 17	17:47:42	17:48:38	17:49:38	17:50:23	17:51:56	17:52:42
26/06/2012	Run 18	18:02:38	18:03:34	18:04:34	18:05:15	18:06:43	18:07:34
26/06/2012	Run 19	18:17:01	18:17:57	18:18:55	18:19:32	18:21:06	18:21:55
26/06/2012	Run 20	18:30:55	18:31:53	18:32:51	18:33:34	18:35:32	18:36:13

**Trip Time Between Points**

Date	Time at	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Total
26/06/2012	Run 11	00:00:59	00:01:01	00:00:40	00:01:44	00:00:56	00:05:20
26/06/2012	Run 12	00:00:56	00:01:01	00:00:43	00:01:55	00:00:47	00:05:22
26/06/2012	Run 13	00:00:52	00:00:58	00:00:40	00:01:52	00:00:55	00:05:18
26/06/2012	Run 14	00:00:57	00:00:57	00:00:39	00:02:09	00:00:46	00:05:27
26/06/2012	Run 15	00:00:54	00:00:58	00:00:40	00:02:28	00:00:45	00:05:46
26/06/2012	Run 16	00:00:55	00:01:02	00:00:42	00:02:16	00:00:45	00:05:39
26/06/2012	Run 17	00:00:56	00:01:00	00:00:45	00:01:33	00:00:46	00:05:00
26/06/2012	Run 18	00:00:56	00:01:00	00:00:41	00:01:28	00:00:51	00:04:55
26/06/2012	Run 19	00:00:56	00:00:58	00:00:38	00:01:34	00:00:49	00:04:54
26/06/2012	Run 20	00:00:57	00:00:58	00:00:43	00:01:58	00:00:41	00:05:18

**Average Speed Between Points**

	Speed (mph)	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Average
26/06/2012	Run 11	57.3	57.4	57.7	42.1	26.6	48.2
26/06/2012	Run 12	59.7	56.7	54.2	38.2	31.7	48.1
26/06/2012	Run 13	64.6	59.5	51.3	36.5	27.3	47.9
26/06/2012	Run 14	59.6	61.5	50.0	34.1	32.6	47.6
26/06/2012	Run 15	61.9	59.7	57.5	29.7	33.3	48.4
26/06/2012	Run 16	61.7	56.4	54.3	32.3	33.7	47.7
26/06/2012	Run 17	60.1	58.1	51.3	47.0	32.6	49.8
26/06/2012	Run 18	60.2	58.0	56.5	49.8	29.6	50.8
26/06/2012	Run 19	60.0	60.5	53.9	45.9	30.4	50.2
26/06/2012	Run 20	58.5	60.0	53.3	37.2	36.5	49.1

Distance (Mi)	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Total
	0.934	0.967	0.622	1.214	0.417	4.155


**Timing Points      B31 - A45 Coventry Road Eastbound**
**Eastbound**

No	Description	long	lat
1	A45 / Goodway Road junction	-1.76056	52.45096
2	A45 / Damson Parkway traffic signals	-1.75318	52.44723
3	A45 / Bickenhill Lane junction	-1.725	52.44444
4	A45 / M42 junction 6	-1.70996	52.44516
5	A45 / A446 Stonebridge junction	-1.68698	52.44566
6	A45 / Shepherds Lane junction	-1.66147	52.4438

**Westbound**

No	Description	long	lat
1	A45 / Shepherds Lane junction	-1.66534	52.44384
2	A45 / A446 Stonebridge junction	-1.68698	52.44555
3	A45 / M42 junction 6	-1.70982	52.44507
4	A45 / Bickenhill Lane junction	-1.72494	52.44431
5	A45 / Damson Parkway traffic signals	-1.75313	52.44701
6	A45 / Goodway Road junction	-1.76064	52.45083



	<b>Site / Location:</b>	B32 - A452 Chester Road	<b>Project No:</b>	2112	<b>Drawing No:</b>	2112-01	<b>Drawn By:</b>	NT
	<b>Survey Date:</b>	June 2012	<b>Project Name:</b>	West Midlands HS2				
	<b>Survey Times:</b>	07:00 to 10:00 & 16:00 to 19:00	<b>Drawing Title:</b>	Timing Points				

**Route: B32 - A452 Chester Road northbound**
**Time: 07:00 to 10:00**
**Journey Times**

Date	Time at	TP1	TP2	TP3	TP4	TP5	TP6
27/06/2012	Run 1	07:10:50	07:12:01	07:13:35	07:15:51	07:17:14	07:18:30
27/06/2012	Run 2	07:31:06	07:32:13	07:33:48	07:36:03	07:37:21	07:38:35
27/06/2012	Run 3	07:50:59	07:52:12	07:53:44	07:56:13	07:57:36	07:58:54
27/06/2012	Run 4	08:11:27	08:12:45	08:14:18	08:16:33	08:18:00	08:19:24
27/06/2012	Run 5	08:32:07	08:33:13	08:34:48	08:37:57	08:39:13	08:40:25
27/06/2012	Run 6	08:53:22	08:54:30	08:56:45	08:59:25	09:00:49	09:02:04
26/06/2012	Run 7	09:13:44	09:14:56	09:16:17	09:18:25	09:19:51	09:21:10
27/06/2012	Run 8	09:18:05	09:19:12	09:20:42	09:22:51	09:24:09	09:25:24
26/06/2012	Run 9	09:34:02	09:35:11	09:36:37	09:38:46	09:40:05	09:41:26
27/06/2012	Run 10	09:37:33	09:38:41	09:40:00	09:42:16	09:43:38	09:44:50

**Trip Time Between Points**

Date	Time at	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Total
27/06/2012	Run 1	00:01:11	00:01:34	00:02:17	00:01:22	00:01:17	00:07:40
27/06/2012	Run 2	00:01:07	00:01:35	00:02:16	00:01:17	00:01:15	00:07:30
27/06/2012	Run 3	00:01:14	00:01:32	00:02:29	00:01:23	00:01:18	00:07:55
27/06/2012	Run 4	00:01:18	00:01:33	00:02:15	00:01:27	00:01:24	00:07:57
27/06/2012	Run 5	00:01:06	00:01:35	00:03:09	00:01:15	00:01:13	00:08:19
27/06/2012	Run 6	00:01:08	00:02:15	00:02:40	00:01:25	00:01:15	00:08:42
26/06/2012	Run 7	00:01:12	00:01:21	00:02:08	00:01:26	00:01:19	00:07:26
27/06/2012	Run 8	00:01:07	00:01:30	00:02:09	00:01:18	00:01:15	00:07:19
26/06/2012	Run 9	00:01:10	00:01:26	00:02:08	00:01:20	00:01:20	00:07:24
27/06/2012	Run 10	00:01:08	00:01:19	00:02:15	00:01:23	00:01:12	00:07:17

**Average Speed Between Points**

	Speed (mph)	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Average
27/06/2012	Run 1	46.3	39.5	44.4	39.8	42.0	42.4
27/06/2012	Run 2	48.9	38.8	44.7	42.5	43.2	43.6
27/06/2012	Run 3	44.6	40.4	40.7	39.4	41.6	41.3
27/06/2012	Run 4	41.9	39.7	45.0	37.7	38.5	40.6
27/06/2012	Run 5	49.4	38.9	32.0	43.4	44.4	41.6
27/06/2012	Run 6	48.6	27.5	37.9	38.7	43.2	39.2
26/06/2012	Run 7	45.7	45.7	47.3	38.1	40.7	43.5
27/06/2012	Run 8	49.0	41.0	47.1	42.0	42.9	44.4
26/06/2012	Run 9	47.1	42.9	47.3	41.1	40.3	43.7
27/06/2012	Run 10	48.1	46.6	44.8	39.6	44.9	44.8

**Distance Between Timing Points**

Distance (Mi)	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Total
	0.912	1.027	1.685	0.911	0.898	5.433



2112 / WEST MIDLANDS HS2  
JUNE 2012  
JOURNEY TIME SURVEYS

Route: B32 - A452 Chester Road northbound

Time: 07:00 to 10:00

Journey Times

Date	Time at	TP1	TP2	TP3	TP4	TP5	TP6
27/06/2012	Run 11	16:07:24	16:08:40	16:10:05	16:12:13	16:14:28	16:15:44
27/06/2012	Run 12	16:08:40	16:09:54	16:11:46	16:14:05	16:16:33	16:17:57
27/06/2012	Run 13	16:28:24	16:29:32	16:31:11	16:33:19	16:35:38	16:37:05
27/06/2012	Run 14	16:31:21	16:32:37	16:34:13	16:36:42	16:38:55	16:40:19
27/06/2012	Run 15	16:50:32	16:51:47	16:53:26	16:55:37	16:57:34	16:58:58
27/06/2012	Run 16	16:54:13	16:55:22	16:57:11	16:59:26	17:01:27	17:02:53
27/06/2012	Run 17	17:16:26	17:17:34	17:20:09	17:22:27	17:24:29	17:25:50
27/06/2012	Run 18	17:20:42	17:21:53	17:23:41	17:25:54	17:28:19	17:29:34
27/06/2012	Run 19	17:38:52	17:40:03	17:41:33	17:44:01	17:46:40	17:48:07
27/06/2012	Run 20	17:43:04	17:44:26	17:46:14	17:48:30	17:50:36	17:52:23
26/06/2012	Run 21	18:10:25	18:11:30	18:12:53	18:15:01	18:17:20	18:18:38
27/06/2012	Run 22	18:14:12	18:15:28	18:17:09	18:19:21	18:21:15	18:22:29
26/06/2012	Run 23	18:31:08	18:32:28	18:34:05	18:36:05	18:37:35	18:38:58

Trip Time Between Points

Date	Time at	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Total
27/06/2012	Run 11	00:01:16	00:01:25	00:02:08	00:02:15	00:01:16	00:08:20
27/06/2012	Run 12	00:01:14	00:01:51	00:02:19	00:02:28	00:01:23	00:09:17
27/06/2012	Run 13	00:01:09	00:01:38	00:02:09	00:02:19	00:01:26	00:08:41
27/06/2012	Run 14	00:01:16	00:01:36	00:02:30	00:02:13	00:01:23	00:08:58
27/06/2012	Run 15	00:01:15	00:01:39	00:02:10	00:01:57	00:01:25	00:08:26
27/06/2012	Run 16	00:01:09	00:01:49	00:02:15	00:02:01	00:01:26	00:08:40
27/06/2012	Run 17	00:01:08	00:02:35	00:02:18	00:02:02	00:01:22	00:09:25
27/06/2012	Run 18	00:01:11	00:01:48	00:02:13	00:02:25	00:01:15	00:08:52
27/06/2012	Run 19	00:01:11	00:01:30	00:02:28	00:02:39	00:01:28	00:09:15
27/06/2012	Run 20	00:01:21	00:01:48	00:02:17	00:02:05	00:01:48	00:09:19
26/06/2012	Run 21	00:01:05	00:01:23	00:02:08	00:02:19	00:01:19	00:08:13
27/06/2012	Run 22	00:01:16	00:01:41	00:02:12	00:01:54	00:01:14	00:08:17
26/06/2012	Run 23	00:01:19	00:01:37	00:02:00	00:01:29	00:01:24	00:07:50

Average Speed Between Points

	Speed (mph)	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Average
27/06/2012	Run 11	43.4	43.5	47.2	24.3	42.4	40.2
27/06/2012	Run 12	44.2	33.1	43.6	22.1	38.9	36.4
27/06/2012	Run 13	47.7	37.6	47.2	23.6	37.5	38.7
27/06/2012	Run 14	43.1	38.5	40.6	24.6	38.8	37.1
27/06/2012	Run 15	43.6	37.3	46.6	28.0	38.1	38.7
27/06/2012	Run 16	47.5	33.9	44.9	27.1	37.8	38.3
27/06/2012	Run 17	48.3	23.8	43.9	27.0	39.6	36.5
27/06/2012	Run 18	46.3	34.3	45.7	22.7	43.0	38.4
27/06/2012	Run 19	46.4	41.0	41.1	20.8	36.8	37.2
27/06/2012	Run 20	40.3	34.3	44.5	26.1	30.1	35.0
26/06/2012	Run 21	50.4	44.5	47.5	23.6	41.1	41.4
27/06/2012	Run 22	43.1	36.4	46.0	28.8	44.0	39.7
26/06/2012	Run 23	41.3	37.9	50.4	36.7	38.6	41.0

Distance Between Timing Points

Distance (Mi)	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Total
	0.912	1.027	1.685	0.911	0.898	5.433

**Timing Points      B32 - A452 Chester Road**
**Northbound**


No	Description	long	lat
1	A452 / Marsh Lane Junction	-1.67812	52.41989
2	A452 / B4201 roundabout stopline	-1.67503	52.43268
3	A452 / A45 Stonebridge roundabout stopline	-1.68696	52.44513
4	A452 / Bickenhill Parkway roundabout stopline	-1.70953	52.46478
5	A452 / Coleshill Heath Road roundabout stopline	-1.72198	52.47452
6	A452 / MoorEnd Avenue roundabout stopline	-1.73391	52.48487

**Southbound**

No	Description	long	lat
1	A452 / MoorEnd Avenue roundabout	-1.73374	52.48529
2	A452 / Coleshill Heath Road roundabout stopline	-1.72215	52.47521
3	A452 / Bickenhill Parkway roundabout stopline	-1.71065	52.46645
4	A452 / A45 Stonebridge roundabout stopline	-1.68713	52.4462
5	A452 / B4201 roundabout stopline	-1.67451	52.43345
6	A452 / Marsh Lane Junction	-1.67782	52.41998





	<b>Site / Location:</b>	B32 - A452 Chester Road	<b>Project No:</b>	2112	<b>Drawing No:</b>	2112-01	<b>Drawn By:</b>	NT
	<b>Survey Date:</b>	June 2012	<b>Project Name:</b> West Midlands HS2					
	<b>Survey Times:</b>	07:00 to 10:00 & 16:00 to 19:00	<b>Drawing Title:</b> Timing Points					



**Route: B32 - A452 Chester Road southbound**
**Time: 07:00 to 10:00**
**Journey Times**

Date	Time at	TP1	TP2	TP3	TP4	TP5	TP6
27/06/2012	Run 1	06:58:59	07:00:11	07:01:16	07:03:26	07:04:53	07:06:08
27/06/2012	Run 2	07:18:51	07:20:04	07:21:10	07:23:26	07:24:56	07:26:13
27/06/2012	Run 3	07:38:56	07:40:08	07:41:19	07:43:33	07:44:59	07:46:16
27/06/2012	Run 4	07:59:16	08:00:29	08:01:40	08:03:58	08:05:27	08:06:41
27/06/2012	Run 5	08:19:46	08:21:04	08:22:14	08:24:24	08:26:01	08:27:20
27/06/2012	Run 6	08:40:46	08:42:03	08:43:23	08:45:54	08:47:23	08:48:42
26/06/2012	Run 7	09:01:01	09:02:25	09:03:44	09:06:03	09:07:34	09:08:51
27/06/2012	Run 8	09:05:59	09:07:15	09:08:24	09:10:36	09:12:06	09:13:24
26/06/2012	Run 9	09:21:32	09:22:45	09:24:07	09:26:28	09:27:56	09:29:16
27/06/2012	Run 10	09:25:44	09:26:55	09:27:56	09:30:06	09:31:36	09:32:54

**Trip Time Between Points**

Date	Time at	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Total
27/06/2012	Run 1	00:01:12	00:01:05	00:02:10	00:01:28	00:01:15	00:07:09
27/06/2012	Run 2	00:01:13	00:01:06	00:02:16	00:01:30	00:01:16	00:07:22
27/06/2012	Run 3	00:01:13	00:01:11	00:02:15	00:01:26	00:01:17	00:07:21
27/06/2012	Run 4	00:01:13	00:01:11	00:02:18	00:01:29	00:01:14	00:07:25
27/06/2012	Run 5	00:01:18	00:01:10	00:02:10	00:01:37	00:01:19	00:07:34
27/06/2012	Run 6	00:01:17	00:01:20	00:02:31	00:01:29	00:01:18	00:07:56
26/06/2012	Run 7	00:01:24	00:01:19	00:02:20	00:01:31	00:01:17	00:07:50
27/06/2012	Run 8	00:01:16	00:01:09	00:02:11	00:01:30	00:01:18	00:07:25
26/06/2012	Run 9	00:01:13	00:01:23	00:02:21	00:01:28	00:01:19	00:07:44
27/06/2012	Run 10	00:01:10	00:01:01	00:02:10	00:01:30	00:01:18	00:07:10

**Average Speed Between Points**

	Speed (mph)	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Average
27/06/2012	Run 1	43.6	43.4	49.1	44.0	46.8	45.4
27/06/2012	Run 2	42.6	42.7	46.8	42.9	45.7	44.1
27/06/2012	Run 3	43.0	39.8	47.3	44.8	45.5	44.1
27/06/2012	Run 4	42.7	39.8	46.2	43.3	47.1	43.8
27/06/2012	Run 5	40.0	40.4	49.0	39.8	44.2	42.7
27/06/2012	Run 6	40.4	35.4	42.1	43.4	44.7	41.2
26/06/2012	Run 7	37.3	35.5	45.7	42.5	45.5	41.3
27/06/2012	Run 8	40.8	40.8	48.5	42.7	45.1	43.6
26/06/2012	Run 9	42.8	34.1	45.3	43.7	44.0	42.0
27/06/2012	Run 10	44.3	46.1	49.1	42.8	44.6	45.4

Distance (Mi)	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Total
	0.867	0.784	1.769	1.059	0.972	5.451

Route: B32 - A452 Chester Road southbound

Time: 07:00 to 10:00

**Journey Times**

Date	Time at	TP1	TP2	TP3	TP4	TP5	TP6
27/06/2012	Run 11	15:55:05	15:56:20	15:57:33	16:00:02	16:01:44	16:03:14
27/06/2012	Run 12	16:16:05	16:17:20	16:18:23	16:20:41	16:22:20	16:23:36
27/06/2012	Run 13	16:18:22	16:19:44	16:20:57	16:23:16	16:25:01	16:26:22
27/06/2012	Run 14	16:37:27	16:38:46	16:40:09	16:42:38	16:44:15	16:45:35
27/06/2012	Run 15	16:40:44	16:41:59	16:43:40	16:46:18	16:47:56	16:49:15
27/06/2012	Run 16	16:59:23	17:00:44	17:01:48	17:04:09	17:05:44	17:07:09
27/06/2012	Run 17	17:03:18	17:04:37	17:06:01	17:08:35	17:10:10	17:11:32
27/06/2012	Run 18	17:26:16	17:27:34	17:28:43	17:31:08	17:32:40	17:33:58
27/06/2012	Run 19	17:29:55	17:31:06	17:32:14	17:35:22	17:36:54	17:38:13
27/06/2012	Run 20	17:52:45	17:53:54	17:55:11	17:57:48	17:59:27	18:00:54
26/06/2012	Run 21	17:57:50	17:58:59	18:00:07	18:02:46	18:04:20	18:05:37
26/06/2012	Run 22	18:18:59	18:20:10	18:21:20	18:23:32	18:25:12	18:26:29
27/06/2012	Run 23	18:22:49	18:24:03	18:25:12	18:27:30	18:29:00	18:30:16

**Trip Time Between Points**

Date	Time at	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Total
27/06/2012	Run 11	00:01:15	00:01:13	00:02:29	00:01:43	00:01:30	00:08:09
27/06/2012	Run 12	00:01:15	00:01:03	00:02:18	00:01:39	00:01:16	00:07:31
27/06/2012	Run 13	00:01:22	00:01:13	00:02:19	00:01:44	00:01:21	00:08:00
27/06/2012	Run 14	00:01:20	00:01:22	00:02:29	00:01:38	00:01:20	00:08:08
27/06/2012	Run 15	00:01:16	00:01:40	00:02:38	00:01:37	00:01:20	00:08:32
27/06/2012	Run 16	00:01:21	00:01:05	00:02:21	00:01:34	00:01:26	00:07:46
27/06/2012	Run 17	00:01:19	00:01:24	00:02:34	00:01:35	00:01:22	00:08:15
27/06/2012	Run 18	00:01:18	00:01:09	00:02:25	00:01:33	00:01:18	00:07:43
27/06/2012	Run 19	00:01:10	00:01:09	00:03:08	00:01:32	00:01:19	00:08:17
27/06/2012	Run 20	00:01:09	00:01:17	00:02:37	00:01:39	00:01:27	00:08:09
26/06/2012	Run 21	00:01:09	00:01:08	00:02:39	00:01:34	00:01:17	00:07:46
26/06/2012	Run 22	00:01:11	00:01:10	00:02:12	00:01:40	00:01:17	00:07:30
27/06/2012	Run 23	00:01:14	00:01:09	00:02:17	00:01:31	00:01:16	00:07:27

**Average Speed Between Points**

	Speed (mph)	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Average
27/06/2012	Run 11	41.7	38.4	42.8	37.7	38.9	39.9
27/06/2012	Run 12	41.5	44.6	46.3	39.0	46.1	43.5
27/06/2012	Run 13	37.9	38.6	45.7	33.3	43.3	39.8
27/06/2012	Run 14	39.2	34.3	42.7	39.5	44.0	40.0
27/06/2012	Run 15	41.4	28.1	40.2	39.6	43.9	38.6
27/06/2012	Run 16	38.6	43.5	45.3	34.2	40.9	40.5
27/06/2012	Run 17	39.4	33.5	41.5	40.5	42.6	39.5
27/06/2012	Run 18	39.9	40.7	44.0	41.7	45.0	42.3
27/06/2012	Run 19	44.4	41.0	34.0	41.8	44.6	41.1
27/06/2012	Run 20	45.6	36.5	40.6	39.0	40.1	40.4
26/06/2012	Run 21	45.4	41.6	40.0	41.1	45.4	42.7
26/06/2012	Run 22	44.2	40.2	48.3	38.4	45.5	43.3
27/06/2012	Run 23	42.1	40.9	46.4	42.6	45.9	43.6

Distance (Mi)	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Total
	0.867	0.784	1.769	1.059	0.972	5.451

**Timing Points      B32 - A452 Chester Road**
**Northbound**

No	Description	long	lat
1	A452 / Marsh Lane Junction	-1.67812	52.41989
2	A452 / B4201 roundabout stopline	-1.67503	52.43268
3	A452 / A45 Stonebridge roundabout stopline	-1.68696	52.44513
4	A452 / Bickenhill Parkway roundabout stopline	-1.70953	52.46478
5	A452 / Coleshill Heath Road roundabout stopline	-1.72198	52.47452
6	A452 / MoorEnd Avenue roundabout stopline	-1.73391	52.48487

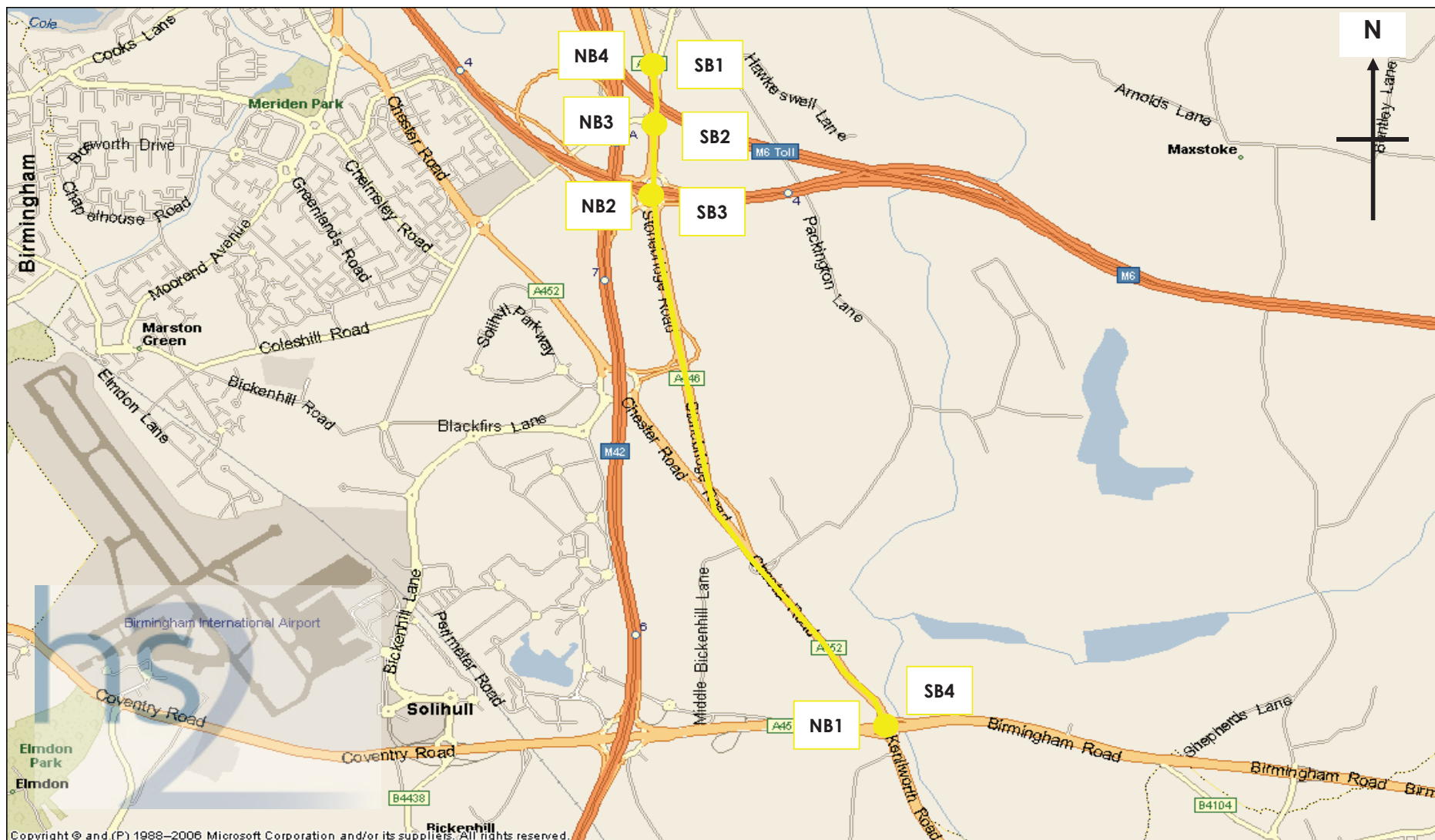
**Southbound**

No	Description	long	lat
1	A452 / MoorEnd Avenue roundabout	-1.73374	52.48529
2	A452 / Coleshill Heath Road roundabout stopline	-1.72215	52.47521
3	A452 / Bickenhill Parkway roundabout stopline	-1.71065	52.46645
4	A452 / A45 Stonebridge roundabout stopline	-1.68713	52.4462
5	A452 / B4201 roundabout stopline	-1.67451	52.43345
6	A452 / Marsh Lane Junction	-1.67782	52.41998


Date	Time at	TP1	TP2	TP4	
26/06/2012	Run 1	17:50:09	17:53:01	17:53:41	17:54:03
26/06/2012	Run 2	06:59:58	07:02:39	07:03:20	07:03:50
26/06/2012	Run 3	07:09:07	07:11:50	07:12:29	07:12:55
26/06/2012	Run 4	07:19:08	07:21:53	07:22:33	07:22:59
26/06/2012	Run 5	07:29:21	07:32:07	07:32:48	07:33:15
26/06/2012	Run 6	07:39:37	07:42:45	07:43:23	07:43:48
26/06/2012	Run 7	07:55:56	07:58:37	07:59:21	07:59:42
26/06/2012	Run 8	08:06:55	08:09:40	08:10:21	08:10:48
26/06/2012	Run 9	08:17:45	08:20:34	08:21:24	08:21:46
26/06/2012	Run 10	08:29:36	08:32:13	08:32:52	08:33:14
26/06/2012	Run 11	08:40:42	08:43:32	08:44:23	08:44:48
26/06/2012	Run 12	16:06:03	16:09:01	16:09:47	16:10:10
26/06/2012	Run 13	16:18:02	16:21:01	16:21:50	16:22:14
26/06/2012	Run 14	16:29:33	16:32:51	16:33:33	16:33:57
26/06/2012	Run 15	16:39:30	16:42:30	16:43:19	16:43:42
26/06/2012	Run 16	16:51:07	16:54:12	16:54:59	16:55:23
26/06/2012	Run 17	17:02:34	17:05:52	17:06:38	17:07:02
26/06/2012	Run 18	17:17:56	17:20:49	17:21:30	17:21:55
26/06/2012	Run 19	17:28:43	17:31:31	17:32:12	17:32:40
26/06/2012	Run 20	17:39:02	17:41:43	17:42:29	17:42:53

	Distance (	TP1 - TP2	TP2 - TP3	TP3 - TP4
26/06/2012	Run 1	2.267	0.355	0.207
26/06/2012	Run 2	2.270	0.358	0.205
26/06/2012	Run 3	2.261	0.357	0.205
26/06/2012	Run 4	2.266	0.358	0.205
26/06/2012	Run 5	2.265	0.358	0.205
26/06/2012	Run 6	2.264	0.358	0.204
26/06/2012	Run 7	2.268	0.357	0.203
26/06/2012	Run 8	2.267	0.357	0.203
26/06/2012	Run 9	2.266	0.355	0.206
26/06/2012	Run 10	2.165	0.355	0.207
26/06/2012	Run 11	2.264	0.355	0.207
26/06/2012	Run 12	2.264	0.358	0.203
26/06/2012	Run 13	2.267	0.355	0.206
26/06/2012	Run 14	2.263	0.357	0.204
26/06/2012	Run 15	2.266	0.359	0.203
26/06/2012	Run 16	2.271	0.355	0.207
26/06/2012	Run 17	2.269	0.356	0.207
26/06/2012	Run 18	2.267	0.358	0.203
26/06/2012	Run 19	2.270	0.355	0.209
26/06/2012	Run 20	2.269	0.355	0.206

	Speed (m	TP1 - TP2	TP2 - TP3	TP3 - TP4
26/06/2012	Run 1	47.6	31.6	33.9
26/06/2012	Run 2	50.7	31.5	24.5
26/06/2012	Run 3	49.9	32.9	28.3
26/06/2012	Run 4	49.4	32.0	28.3
26/06/2012	Run 5	48.9	31.3	27.4
26/06/2012	Run 6	43.3	34.1	29.5
26/06/2012	Run 7	50.7	29.5	33.7
26/06/2012	Run 8	49.2	31.5	27.1
26/06/2012	Run 9	48.4	25.8	32.9
26/06/2012	Run 10	49.5	33.0	33.4
26/06/2012	Run 11	47.8	25.4	29.4
26/06/2012	Run 12	45.9	27.8	32.7
26/06/2012	Run 13	45.5	26.0	31.7
26/06/2012	Run 14	41.2	30.3	30.9
26/06/2012	Run 15	45.4	26.6	31.3
26/06/2012	Run 16	44.1	27.3	31.5
26/06/2012	Run 17	41.2	27.6	31.1
26/06/2012	Run 18	47.1	31.5	29.2
26/06/2012	Run 19	48.7	30.8	27.1
26/06/2012	Run 20	50.7	28.2	31.1



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	<b>Site / Location:</b>	B33 - A446 Stonebridge Road	<b>Project No:</b>	2112	<b>Drawing No:</b>	2112-01	<b>Drawn By:</b>	NT
	<b>Survey Date:</b>	June 2012	<b>Project Name:</b>	West Midlands HS2				
	<b>Survey Times:</b>	07:00 to 10:00 & 16:00 to 19:00	<b>Drawing Title:</b>	Timing Points				



2112 / WEST MIDLANDS HS2  
JUNE 2012  
JOURNEY TIME SURVEYS

Route: B33 - A446 Stonebridge Road southbound

Time: 07:00 to 10:00

Journey Times

Date	Time at	TP1	TP2	TP3	TP4
26/06/2012	Run 1	07:04:22	07:04:41	07:05:19	07:08:41
26/06/2012	Run 2	07:14:34	07:14:58	07:15:25	07:18:43
26/06/2012	Run 3	07:24:09	07:24:25	07:25:26	07:28:56
26/06/2012	Run 4	07:35:00	07:35:25	07:35:58	07:39:13
26/06/2012	Run 5	07:45:04	07:45:28	07:46:07	07:49:32
26/06/2012	Run 6	08:02:16	08:02:32	08:03:10	08:06:25
26/06/2012	Run 7	08:12:38	08:13:03	08:13:50	08:17:20
26/06/2012	Run 8	08:24:35	08:24:52	08:25:37	08:29:11
26/06/2012	Run 9	08:36:06	08:36:22	08:36:58	08:40:17
26/06/2012	Run 10	08:46:42	08:46:59	08:47:33	08:50:36

Trip Time Between Points

Date	Time at	TP1 - TP2	TP2 - TP3	TP3 - TP4	Total
26/06/2012	Run 1	00:00:19	00:00:39	00:03:22	00:04:19
26/06/2012	Run 2	00:00:24	00:00:27	00:03:18	00:04:10
26/06/2012	Run 3	00:00:17	00:01:01	00:03:30	00:04:48
26/06/2012	Run 4	00:00:24	00:00:33	00:03:15	00:04:12
26/06/2012	Run 5	00:00:23	00:00:40	00:03:25	00:04:28
26/06/2012	Run 6	00:00:16	00:00:38	00:03:15	00:04:10
26/06/2012	Run 7	00:00:25	00:00:47	00:03:30	00:04:42
26/06/2012	Run 8	00:00:17	00:00:45	00:03:34	00:04:36
26/06/2012	Run 9	00:00:16	00:00:36	00:03:19	00:04:11
26/06/2012	Run 10	00:00:17	00:00:34	00:03:03	00:03:54

Average Speed Between Points

	Speed (mph)	TP1 - TP2	TP2 - TP3	TP3 - TP4	Average
26/06/2012	Run 1	31.1	21.5	43.2	31.9
26/06/2012	Run 2	24.0	30.2	44.0	32.7
26/06/2012	Run 3	34.2	13.6	41.6	29.8
26/06/2012	Run 4	23.8	24.9	44.8	31.2
26/06/2012	Run 5	25.0	20.6	42.7	29.4
26/06/2012	Run 6	34.9	21.4	44.8	33.7
26/06/2012	Run 7	23.2	17.3	39.9	26.8
26/06/2012	Run 8	32.6	18.4	40.9	30.6
26/06/2012	Run 9	35.9	22.8	43.9	34.2
26/06/2012	Run 10	33.1	24.5	47.7	35.1

Distance Between Timing Points

Distance (Mi)	TP1 - TP2	TP2 - TP3	TP3 - TP4	Total
	0.160	0.229	2.422	2.810

**Route: B33 - A446 Stonebridge Road southbound**
**Time: 16:00 to 19:00**
**Journey Times**

Date	Time at	TP1	TP2	TP3	TP4
26/06/2012	Run 11	16:01:11	16:01:36	16:02:12	16:05:38
26/06/2012	Run 12	16:13:00	16:13:17	16:14:08	16:17:36
26/06/2012	Run 13	16:25:11	16:25:26	16:25:55	16:29:08
26/06/2012	Run 14	16:34:56	16:35:14	16:35:47	16:39:05
26/06/2012	Run 15	16:46:31	16:46:52	16:47:23	16:50:43
26/06/2012	Run 16	16:58:10	16:58:27	16:59:07	17:02:09
26/06/2012	Run 17	17:13:32	17:13:47	17:14:21	17:17:31
26/06/2012	Run 18	17:23:55	17:24:13	17:24:58	17:28:18
26/06/2012	Run 19	17:34:04	17:34:28	17:35:32	17:38:39
26/06/2012	Run 20	17:45:33	17:45:52	17:46:37	17:49:45

**Trip Time Between Points**

Date	Time at	TP1 - TP2	TP2 - TP3	TP3 - TP4	Total
26/06/2012	Run 11	00:00:25	00:00:36	00:03:26	00:04:27
26/06/2012	Run 12	00:00:17	00:00:52	00:03:28	00:04:36
26/06/2012	Run 13	00:00:15	00:00:29	00:03:13	00:03:57
26/06/2012	Run 14	00:00:17	00:00:33	00:03:18	00:04:09
26/06/2012	Run 15	00:00:21	00:00:31	00:03:20	00:04:12
26/06/2012	Run 16	00:00:17	00:00:40	00:03:03	00:04:00
26/06/2012	Run 17	00:00:16	00:00:34	00:03:10	00:04:00
26/06/2012	Run 18	00:00:17	00:00:46	00:03:20	00:04:23
26/06/2012	Run 19	00:00:24	00:01:04	00:03:06	00:04:35
26/06/2012	Run 20	00:00:19	00:00:45	00:03:08	00:04:13

**Average Speed Between Points**

	Speed (mph)	TP1 - TP2	TP2 - TP3	TP3 - TP4	Average
26/06/2012	Run 11	23.3	22.7	42.3	29.5
26/06/2012	Run 12	34.5	16.1	42.0	30.8
26/06/2012	Run 13	37.7	28.0	45.4	37.0
26/06/2012	Run 14	32.9	25.0	44.0	34.0
26/06/2012	Run 15	27.8	26.6	43.6	32.7
26/06/2012	Run 16	33.2	20.5	47.8	33.8
26/06/2012	Run 17	37.1	24.1	46.0	35.7
26/06/2012	Run 18	33.6	17.9	43.7	31.7
26/06/2012	Run 19	23.6	12.9	46.9	27.8
26/06/2012	Run 20	29.6	18.4	46.3	31.5

**Distance Between Timing Points**

Distance (Mi)	TP1 - TP2	TP2 - TP3	TP3 - TP4	Total
	0.160	0.229	2.422	2.810

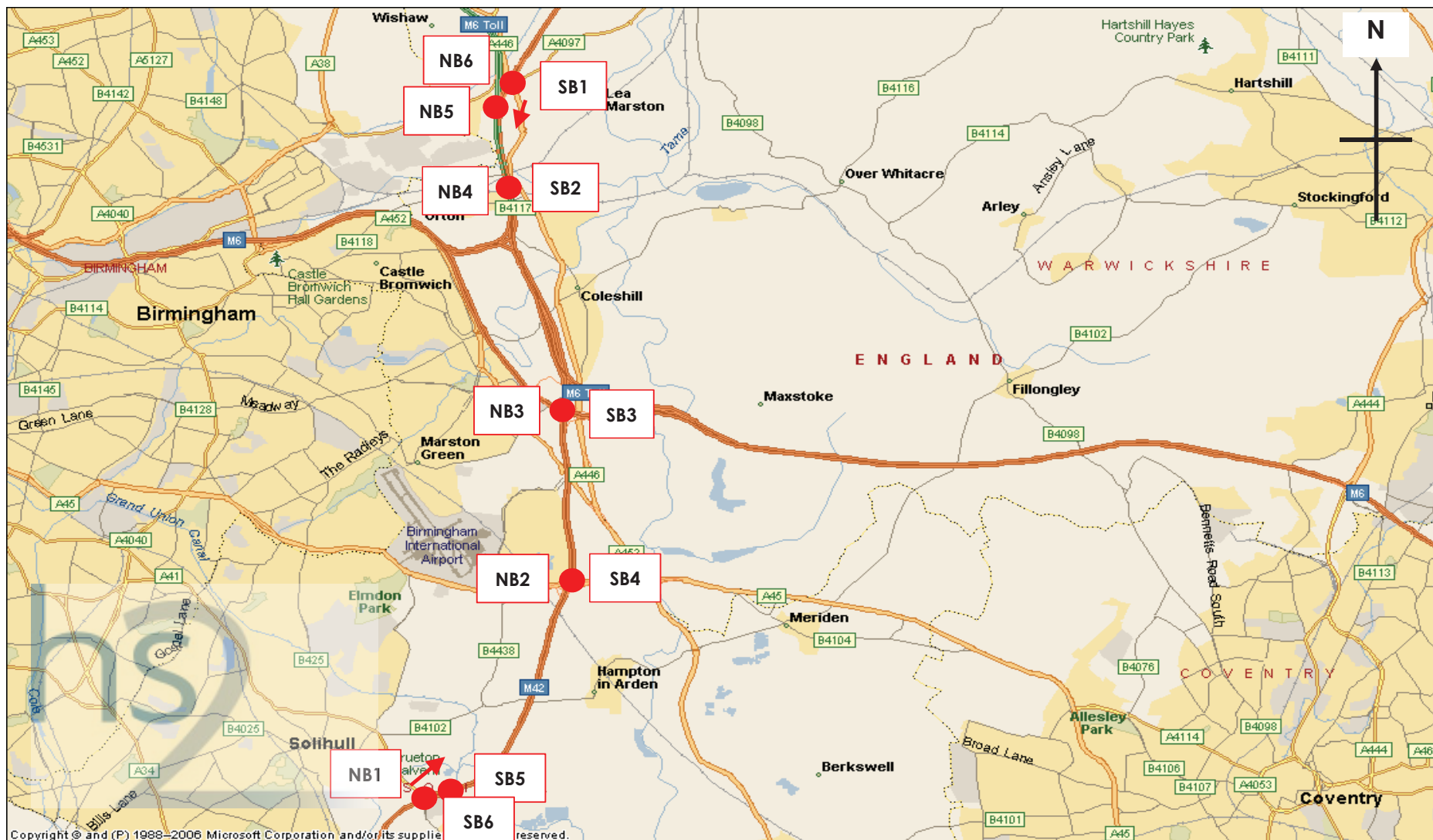
**Timing Points      B33 - A446 Stonebridge Road**
**Northbound**


No	Description	long	lat
1	Exit from A45 / A452 roundabout	-1.68752	52.44607
2	Stop line at M6 junction 4	-1.7076	52.47568
3	Stop line at A446 / Coleshill Heath Rd roundabout	-1.70764	52.48049
4	A446 / B4117 junction	-1.70713	52.48319

**Southbound**

No	Description	long	lat
1	Exit from A446 / B4117 junction	-1.70687	52.48334
2	Stop line at A446 / Coleshill Heath Rd roundabout	-1.70717	52.481
3	Stop line at M6 junction 4	-1.70687	52.47778
4	Stopline at A45 / A452 roundabout	-1.68713	52.4462





	<b>Site / Location:</b>	B34 - M42 corridor	<b>Project No:</b>	2112	<b>Drawing No:</b>	2112-01	<b>Drawn By:</b>	NT
	<b>Survey Date:</b>	June 2012	<b>Project Name:</b>	West Midlands HS2				
	<b>Survey Times:</b>	07:00 to 10:00 & 16:00 to 19:00	<b>Drawing Title:</b>	Timing Points				

**Route: B34 - M42 corridor northbound**
**Time: 07:00 to 10:00**
**Journey Times**

Date	Time at	TP1	TP2	TP3	TP4	TP5	TP6
26/06/2012	Run 1	06:58:07	07:01:22	07:03:21	07:06:05	07:07:27	07:07:42
26/06/2012	Run 2	07:20:55	07:24:50	07:27:21	07:30:12	07:31:30	07:31:44
27/06/2012	Run 3	07:42:53	07:46:44	07:50:17	07:53:35	07:56:14	07:56:41
26/06/2012	Run 4	07:47:43	07:52:11	07:54:40	07:57:54	07:59:28	07:59:42
26/06/2012	Run 5	08:15:01	08:19:26	08:21:53	08:24:52	08:26:13	08:26:58
27/06/2012	Run 6	08:15:20	08:19:20	08:21:44	08:24:35	08:25:50	08:26:29
27/06/2012	Run 7	08:40:18	08:44:09	08:46:45	08:49:54	08:51:15	08:51:33
26/06/2012	Run 8	08:42:40	08:46:45	08:49:02	08:52:00	08:53:21	08:53:49
27/06/2012	Run 9	09:07:14	09:11:14	09:13:38	09:16:38	09:17:50	09:18:14
26/06/2012	Run 10	09:12:13	09:16:05	09:18:44	09:21:45	09:23:28	09:23:46

**Trip Time Between Points**

	Time at	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Total
26/06/2012	Run 1	00:03:15	00:01:59	00:02:44	00:01:22	00:00:16	0:09:36
26/06/2012	Run 2	00:03:54	00:02:32	00:02:51	00:01:18	00:00:14	0:10:49
27/06/2012	Run 3	00:03:51	00:03:33	00:03:18	00:02:39	00:00:27	0:13:48
26/06/2012	Run 4	00:04:28	00:02:30	00:03:13	00:01:35	00:00:13	0:11:59
26/06/2012	Run 5	00:04:24	00:02:28	00:02:59	00:01:21	00:00:45	0:11:57
27/06/2012	Run 6	00:04:00	00:02:24	00:02:51	00:01:15	00:00:39	0:11:09
27/06/2012	Run 7	00:03:51	00:02:36	00:03:09	00:01:21	00:00:18	0:11:15
26/06/2012	Run 8	00:04:06	00:02:16	00:02:58	00:01:21	00:00:28	0:11:09
27/06/2012	Run 9	00:04:00	00:02:24	00:03:00	00:01:12	00:00:24	0:11:00
26/06/2012	Run 10	00:03:52	00:02:38	00:03:01	00:01:43	00:00:17	0:11:33

**Average Speed Between Points**

	Speed (mph)	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Average
26/06/2012	Run 1	62.9	67.7	61.9	59.3	36.0	57.6
26/06/2012	Run 2	52.5	53.1	59.4	62.3	39.8	53.4
27/06/2012	Run 3	53.2	37.9	51.2	30.5	20.9	38.7
26/06/2012	Run 4	45.9	53.9	52.4	51.2	42.7	49.2
26/06/2012	Run 5	46.6	54.6	56.7	59.7	12.6	46.0
27/06/2012	Run 6	51.3	56.0	59.3	64.7	14.4	49.1
27/06/2012	Run 7	53.2	51.7	53.6	59.9	31.3	50.0
26/06/2012	Run 8	50.1	59.1	56.8	60.2	20.3	49.3
27/06/2012	Run 9	51.3	56.0	56.3	67.4	23.5	50.9
26/06/2012	Run 10	53.0	50.9	55.9	46.9	32.2	47.8

**Distance Between Timing Points**

Distance (Mi)	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Total
	3.417	2.240	2.816	1.348	0.156	9.977

**Route: B34 - M42 corridor northbound**
**Time: 07:00 to 10:00**
**Journey Times**

Date	Time at	TP1	TP2	TP3	TP4	TP5	TP6
26/06/2012	Run 11	15:59:51	16:03:43	16:06:04	16:08:49	16:10:11	16:10:24
27/06/2012	Run 12	16:23:53	16:27:48	16:30:35	16:33:40	16:35:11	16:35:27
26/06/2012	Run 13	16:23:56	16:28:14	16:30:38	16:33:44	16:35:02	16:35:32
27/06/2012	Run 14	16:49:38	16:53:14	16:55:55	16:58:41	17:00:10	17:00:39
26/06/2012	Run 15	16:52:47	16:56:59	16:59:56	17:02:56	17:05:02	17:05:59
27/06/2012	Run 16	17:15:39	17:19:34	17:22:25	17:25:25	17:27:05	17:27:39
26/06/2012	Run 17	17:27:56	17:32:08	17:34:59	17:38:02	17:39:20	17:39:41
27/06/2012	Run 18	17:41:37	17:45:34	17:48:29	17:51:15	17:53:00	17:53:15
27/06/2012	Run 19	17:55:44	17:59:56	18:03:14	18:06:20	18:07:44	18:08:20
27/06/2012	Run 20	18:00:19	18:04:23	18:07:22	18:10:20	18:11:52	18:12:19

**Trip Time Between Points**

	Time at	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Total
26/06/2012	Run 11	00:03:51	00:02:21	00:02:46	00:01:22	00:00:13	0:10:33
27/06/2012	Run 12	00:03:54	00:02:48	00:03:05	00:01:31	00:00:16	0:11:34
26/06/2012	Run 13	00:04:18	00:02:24	00:03:06	00:01:18	00:00:30	0:11:36
27/06/2012	Run 14	00:03:37	00:02:41	00:02:46	00:01:29	00:00:29	0:11:01
26/06/2012	Run 15	00:04:12	00:02:57	00:03:00	00:02:06	00:00:57	0:13:12
27/06/2012	Run 16	00:03:55	00:02:51	00:03:00	00:01:40	00:00:34	0:11:59
26/06/2012	Run 17	00:04:12	00:02:51	00:03:03	00:01:18	00:00:21	0:11:45
27/06/2012	Run 18	00:03:57	00:02:55	00:02:45	00:01:45	00:00:16	0:11:38
27/06/2012	Run 19	00:04:12	00:03:18	00:03:06	00:01:24	00:00:36	0:12:36
27/06/2012	Run 20	00:04:04	00:02:59	00:02:59	00:01:32	00:00:27	0:12:00

**Average Speed Between Points**

	Speed (mph)	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Average
26/06/2012	Run 11	53.2	57.2	61.2	59.5	42.6	54.7
27/06/2012	Run 12	52.5	48.1	54.8	53.6	35.1	48.8
26/06/2012	Run 13	47.7	56.0	54.5	62.2	18.8	47.8
27/06/2012	Run 14	56.8	50.2	61.1	54.5	19.3	48.4
26/06/2012	Run 15	48.8	45.6	56.3	38.5	9.9	39.8
27/06/2012	Run 16	52.4	47.2	56.3	48.5	16.8	44.2
26/06/2012	Run 17	48.8	47.2	55.4	62.2	26.8	48.1
27/06/2012	Run 18	51.8	46.1	61.4	46.2	35.9	48.3
27/06/2012	Run 19	48.8	40.7	54.5	57.8	15.6	43.5
27/06/2012	Run 20	50.4	45.1	56.8	52.9	21.2	45.3

**Distance Between Timing Points**

Distance (Mi)	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Total
	3.417	2.240	2.816	1.348	0.156	9.977

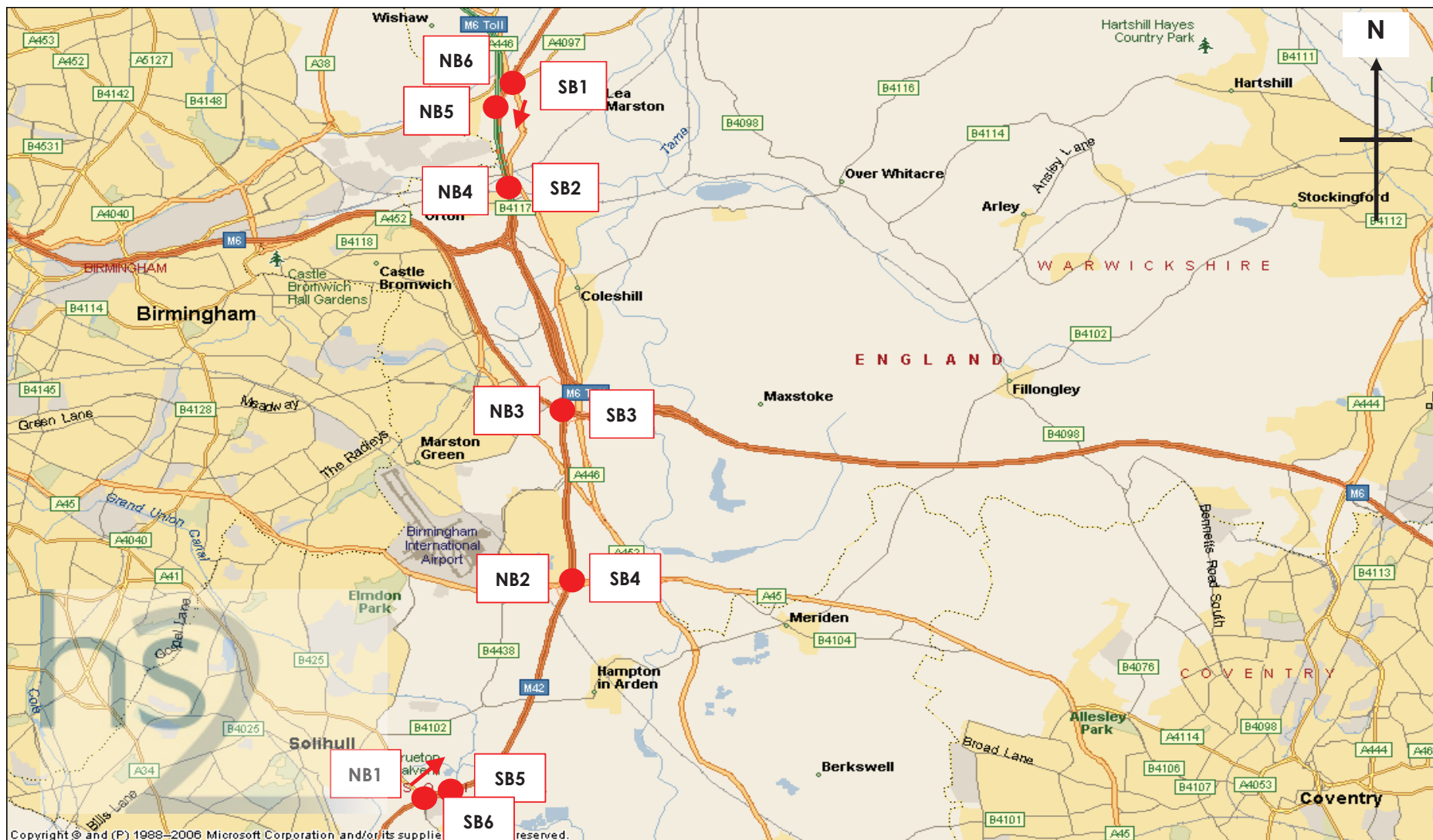
**Timing Points      B34 - M42 corridor**

**Northbound**


No	Description	long	lat
1	Exit M42 junction 5 roundabout	-1.72623	52.53757
2	Centre of M42 Junction 6	-1.72555	52.51752
3	Centre of M6 / M42 interchange	-1.71072	52.47744
4	Watton Lane bridge	-1.70969	52.44512
5	Start of M42 junction 9 exit sliproad	-1.7451	52.406
6	M42 junction 9 stopline	-1.74884	52.40479

**Southbound**

No	Description	long	lat
1	Exit M42 junction 9 roundabout	-1.74966	52.40577
2	Watton Lane bridge	-1.70979	52.44507
3	Centre of M6 / M42 interchange	-1.71072	52.47744
4	Centre of M42 Junction 6	-1.72597	52.51667
5	Start of M42 junction 5 exit sliproad	-1.72869	52.53585
6	M42 junction 5 stopline	-1.72773	52.53799



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	Site / Location:	B34 - M42 corridor	Project No:	2112	Drawing No:	2112-01	Drawn By:	NT
	Survey Date:	June 2012	Project Name:	West Midlands HS2				
	Survey Times:	07:00 to 10:00 & 16:00 to 19:00	Drawing Title:	Timing Points				

**Route: B34 - M42 corridor southbound**
**Time: 07:00 to 10:00**
**Journey Times**

Date	Time at	TP1	TP2	TP3	TP4	TP5	TP6
26/06/2012	Run 1	07:09:16	07:10:56	07:14:02	07:16:25	07:20:01	07:20:27
27/06/2012	Run 2	07:30:25	07:32:13	07:35:25	07:37:55	07:41:22	07:42:19
26/06/2012	Run 3	07:34:18	07:36:13	07:39:38	07:42:30	07:46:37	07:47:08
27/06/2012	Run 4	07:58:56	08:00:32	08:04:53	08:08:11	08:13:44	08:14:47
26/06/2012	Run 5	08:01:58	08:03:28	08:06:45	08:09:32	08:13:42	08:14:06
27/06/2012	Run 6	08:28:57	08:30:39	08:33:30	08:35:57	08:39:33	08:40:00
26/06/2012	Run 7	08:29:13	08:30:51	08:34:17	08:37:07	08:41:19	08:42:11
27/06/2012	Run 8	08:54:13	08:56:04	08:59:31	09:02:16	09:06:07	09:06:40
26/06/2012	Run 9	08:55:20	08:56:51	08:59:52	09:02:43	09:06:35	09:06:57
27/06/2012	Run 10	09:00:15	09:01:54	09:05:06	09:07:50	09:11:46	09:12:17

**Trip Time Between Points**

Date	Time at	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Total
26/06/2012	Run 1	00:01:39	00:03:07	00:02:23	00:03:36	00:00:26	00:11:11
27/06/2012	Run 2	00:01:48	00:03:12	00:02:30	00:03:27	00:00:57	00:11:54
26/06/2012	Run 3	00:01:55	00:03:25	00:02:52	00:04:07	00:00:31	00:12:50
27/06/2012	Run 4	00:01:36	00:04:21	00:03:18	00:05:33	00:01:03	00:15:51
26/06/2012	Run 5	00:01:30	00:03:16	00:02:48	00:04:09	00:00:24	00:12:07
27/06/2012	Run 6	00:01:42	00:02:51	00:02:27	00:03:36	00:00:27	00:11:03
26/06/2012	Run 7	00:01:38	00:03:26	00:02:50	00:04:12	00:00:52	00:12:58
27/06/2012	Run 8	00:01:51	00:03:27	00:02:45	00:03:51	00:00:33	00:12:27
26/06/2012	Run 9	00:01:31	00:03:01	00:02:51	00:03:52	00:00:22	00:11:37
27/06/2012	Run 10	00:01:39	00:03:12	00:02:44	00:03:56	00:00:31	00:12:02

**Average Speed Between Points**

	Speed (mph)	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Average
26/06/2012	Run 1	51.8	55.3	56.7	54.3	25.1	48.7
27/06/2012	Run 2	47.6	53.9	54.0	56.7	11.4	44.7
26/06/2012	Run 3	44.6	50.5	47.2	47.4	21.0	42.2
27/06/2012	Run 4	53.5	39.6	40.9	35.3	10.3	35.9
26/06/2012	Run 5	57.1	52.7	48.3	47.1	27.4	46.5
27/06/2012	Run 6	50.4	60.5	55.1	54.4	24.1	48.9
26/06/2012	Run 7	52.3	50.3	47.6	46.5	12.6	41.9
27/06/2012	Run 8	46.3	50.0	49.1	50.8	19.7	43.2
26/06/2012	Run 9	56.2	57.2	47.3	50.6	30.1	48.3
27/06/2012	Run 10	52.2	53.8	49.3	49.7	20.7	45.2

**Distance Between Timing Points**

Distance (Mi)	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Total
	1.428	2.873	2.250	3.261	0.181	9.993

Route: B34 - M42 corridor southbound

Time: 16:00 to 19:00

#### Journey Times

Date	Time at	TP1	TP2	TP3	TP4	TP5	TP6
26/06/2012	Run 11	16:12:11	16:13:32	16:16:38	16:19:05	16:22:39	16:23:21
26/06/2012	Run 12	16:36:48	16:38:30	16:41:40	16:44:17	16:48:06	16:49:05
27/06/2012	Run 13	16:38:20	16:40:11	16:43:35	16:46:23	16:51:20	16:52:14
26/06/2012	Run 14	17:02:45	17:04:27	17:07:50	17:10:34	17:14:39	17:15:10
27/06/2012	Run 15	17:08:35	17:10:05	17:13:02	17:18:47	17:26:38	17:27:11
26/06/2012	Run 16	17:29:49	17:31:11	17:34:15	17:36:47	17:40:42	17:41:08
27/06/2012	Run 17	17:40:56	17:42:41	17:45:26	17:47:50	17:54:47	17:55:32
26/06/2012	Run 18	17:54:07	17:55:48	17:59:03	18:01:30	18:05:13	18:05:33
27/06/2012	Run 19	18:10:20	18:11:50	18:14:50	18:17:20	18:20:59	18:22:05
27/06/2012	Run 20	18:23:14	18:24:35	18:27:23	18:29:59	18:33:50	18:34:20

#### Trip Time Between Points

Date	Time at	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Total
26/06/2012	Run 11	00:01:21	00:03:06	00:02:27	00:03:34	00:00:41	00:11:09
26/06/2012	Run 12	00:01:42	00:03:10	00:02:37	00:03:49	00:00:59	00:12:17
27/06/2012	Run 13	00:01:51	00:03:24	00:02:48	00:04:57	00:00:54	00:13:54
26/06/2012	Run 14	00:01:41	00:03:24	00:02:44	00:04:05	00:00:30	00:12:25
27/06/2012	Run 15	00:01:30	00:02:57	00:05:45	00:07:51	00:00:33	00:18:36
26/06/2012	Run 16	00:01:21	00:03:05	00:02:32	00:03:54	00:00:27	00:11:19
27/06/2012	Run 17	00:01:45	00:02:45	00:02:24	00:06:57	00:00:45	00:14:36
26/06/2012	Run 18	00:01:40	00:03:15	00:02:26	00:03:44	00:00:19	00:11:25
27/06/2012	Run 19	00:01:30	00:03:00	00:02:30	00:03:39	00:01:06	00:11:45
27/06/2012	Run 20	00:01:21	00:02:48	00:02:36	00:03:51	00:00:30	00:11:06

#### Average Speed Between Points

	Speed (mph)	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Average
26/06/2012	Run 11	63.3	55.7	55.0	54.9	15.7	48.9
26/06/2012	Run 12	50.2	54.5	51.5	51.2	11.1	43.7
27/06/2012	Run 13	46.3	50.7	48.2	39.5	12.1	39.4
26/06/2012	Run 14	50.8	50.7	49.5	47.8	21.4	44.0
27/06/2012	Run 15	57.1	58.4	23.5	24.9	19.7	36.7
26/06/2012	Run 16	63.1	56.0	53.3	50.1	24.5	49.4
27/06/2012	Run 17	48.9	62.7	56.3	28.2	14.5	42.1
26/06/2012	Run 18	51.2	52.9	55.3	52.4	33.9	49.2
27/06/2012	Run 19	57.1	57.5	54.0	53.6	9.9	46.4
27/06/2012	Run 20	63.4	61.6	51.9	50.8	21.7	49.9

#### Distance Between Timing Points

Distance (Mi)	TP1 - TP2	TP2 - TP3	TP3 - TP4	TP4 - TP5	TP5 - TP6	Total
	1.428	2.873	2.250	3.261	0.181	9.993



**Timing Points      B34 - M42 corridor**

**Northbound**

No	Description	long	lat
1	Exit M42 junction 5 roundabout	-1.72623	52.53757
2	Centre of M42 Junction 6	-1.72555	52.51752
3	Centre of M6 / M42 interchange	-1.71072	52.47744
4	Watton Lane bridge	-1.70969	52.44512
5	Start of M42 junction 9 exit sliproad	-1.7451	52.406
6	M42 junction 9 stopline	-1.74884	52.40479

**Southbound**

No	Description	long	lat
1	Exit M42 junction 9 roundabout	-1.74966	52.40577
2	Watton Lane bridge	-1.70979	52.44507
3	Centre of M6 / M42 interchange	-1.71072	52.47744
4	Centre of M42 Junction 6	-1.72597	52.51667
5	Start of M42 junction 5 exit sliproad	-1.72869	52.53585
6	M42 junction 5 stopline	-1.72773	52.53799



## **Appendix B3 - PRow data for for Balsall Common and Hampton-in-Arden (CFA23) and Birmingham Interchange and Chelmsley Wood (CFA 24)**

# Interchange and Balsall PRoW Surveys Data Summary

Site	Description of Location	2012		2013	
		Number of users (August / weekend)	Number of users (September / weekday)	Number of users (July weekend)	Number of users (July weekday)
1	Off Hodgett's Lane, east of Beanit Spinney where right of way crosses dismantled railway	42	-	-	-
2	Off Hodgett's Lane, north-east of Beanit Spinney where right of way crosses dismantled railway	4	-	-	-
3	Off Waste Lane, north-east of Little Beanit Farm	4	-	-	-
4	Off Waste Lane, north-west of Odnauil End Farm	21	-	-	-
5	Off Truggist Lane, near Truggist Hill Farm where crosses dismantled Railway	8	-	-	-
6	Off Truggist Lane, where crosses dismantled Railway near existing railway line, north west of count 5	9	-	-	-
7	Off Truggist Lane, where crosses dismantled Railway near existing railway line, north west of count 6	9	-	-	-
8	Off Truggist Lane, where right of way meets the rights of way from Lavender Hall Farm and Baulk Lane	5	-	-	-
9	Off Baulk Lane, where right of way meets the right of way from Lavender Hall Farm	2	-	-	-
10	Off Lavender Hall Lane, to the east of Lavender Hall Farm	2	-	-	-
11	Off Lavender Hall Lane, to the north of Lavender Hall Farm	2	-	-	-
12	Off Park Lane	6	-	-	-
13	Off the A452, east of Holly Acre Lodge	4	-	-	-
14	Off the A452 near Sixteen Acre Wood	32	-	-	-
15	Off the A452 near Marsh Farm	36	-	-	-
16	Private Road/ Bridle way off A452 opposite Marsh Lane	12	-	-	-
17	Off Meridan Road, south of Patrick Farm	18	-	-	-
18	Off the A452 (Chester Road) near junction 7 of the M42	9	-	-	-
19	Green Lane off Ryecklose Croft	62	-	-	-
23	Waste Lane	0	-	-	-
24	Truggist Lane	162	-	-	-
25	Lavender Hall Lane	3	-	-	-
26	Park Lane	23	-	-	-
27	A452 (Kenilworth Road)	3	-	-	-
28	Footpath off A452 (Kenilworth Road)	19	-	-	-
29	Meriden Road	110	-	-	-
30	Diddington Lane	2	-	-	-
31	A45 West Bound	7	-	-	-
32	A45 East Bound	6	-	-	-
33	O	3	-	-	-
34	A452 Chester Road	2	4	-	-
35	A452 / A446 Roundabout	1	0	-	-
36	B4438	36	54	-	-
37	Birmingham Business Park Access	18	101	-	-
38	A452 / A446 Roundabout	20	41	-	-
39	A452	31	38	-	-
40	A446	1	-	-	-
41	Coleshill Heath Road	55	-	-	-
42	Yorkminster Drive	87	-	-	-
43	Attleborough Lane	62	29	-	-
76	Packington Lane	23	-	-	-
77	Business Park Link Road (Off A446)	0	4	-	-
78	Business Park Link Road (Off A452)	4	6	-	-
BC1	Kenilworth Greenway (off Waste Lane)	-	-	310	59

## Interchange and Balsall PRow Surveys Data Summary

Site	Description of Location	2012		2013	
		Number of users (August / weekend)	Number of users (September / weekday)	Number of users (July weekend)	Number of users (July weekday)
BC2	Kenilworth Greenway (west of Beechwood Farm)	-	-	251	30
BC3	Private Road (off Marsh Lane)	-	-	43	8
X1	Public Right of Way M115 (off Diddington Lane)	-	1	-	-
X13	Public Right of Way M107 (connecting the service road on A45 west of M42 J6 to Old Station Road)	-	16	-	-
X2	Public Right of Way M114 (off service road on A45 east of Stonebridge)	-	0	-	-
X3	Public Right of Way M216 (near Marsh Farm)	-	10	-	-
X4	Public Right of Way M118 (off Meriden Road)	-	2	-	-
X5	Public Right of Way M105 (Garden Centre, Denbigh Corner)	-	3	-	-

## **Appendix B4 – parking accumulation surveys at Birmingham International Station (CFA 24)**



2111 / WEST MIDLANDS HS2  
JUNE 2012  
PARKING ACCUMULATION

SITE: B61 - B62

DATE: 26/06/12

LOCATION: Birmingham International Car Park

DAY: Tuesday

TIME	VEHICLE COUNT																TOT	
	ENTRY								EXIT									
	CAR 1	CAR 2	CAR 3	CAR 4	LGV	MCL	PCL	TOT	CAR 1	CAR 2	CAR 3	CAR 4	LGV	MCL	PCL	TOT		
06:00	51	1	0	0	0	0	0	52	0	0	0	0	0	0	0	0	762	
06:15	81	1	0	0	0	0	0	82	0	0	0	0	0	0	0	0	844	
06:30	44	0	0	0	0	0	0	44	0	0	0	0	0	0	0	0	888	
06:45	100	1	0	0	0	0	0	101	0	0	0	0	0	0	0	0	989	
H/TOT	276	3	0	0	0	0	0	279	0	0	0	0	0	0	0	0		
07:00	100	1	0	0	0	0	0	101	1	0	0	1	0	0	0	2	1088	
07:15	62	2	0	0	0	0	0	64	1	0	0	0	0	0	0	1	1151	
07:30	83	1	0	0	0	0	0	84	0	0	0	0	0	0	0	0	1235	
07:45	47	2	0	0	0	0	0	49	0	0	0	0	0	0	0	0	1284	
H/TOT	292	6	0	0	0	0	0	298	2	0	0	1	0	0	0	3		
08:00	50	3	0	1	0	0	0	54	0	0	0	0	0	0	0	0	1338	
08:15	55	1	0	0	0	0	0	56	1	0	0	0	0	0	0	1	1393	
08:30	31	2	0	0	0	0	0	33	1	2	0	0	0	0	0	3	1423	
08:45	24	1	0	0	0	0	0	25	0	0	0	0	0	0	0	0	1448	
H/TOT	160	7	0	1	0	0	0	168	2	2	0	0	0	0	0	4		
09:00	27	4	0	0	0	0	0	31	0	0	0	0	0	0	0	0	1479	
09:15	21	4	0	0	0	0	0	25	0	0	0	0	0	0	0	0	1504	
09:30	14	2	0	0	0	0	0	16	0	0	0	0	0	0	0	0	1520	
09:45	18	3	0	1	0	0	0	22	1	0	0	0	0	0	0	1	1541	
H/TOT	80	13	0	1	0	0	0	94	1	0	0	0	0	0	0	1		
10:00	16	3	0	0	0	0	0	19	2	0	0	0	0	0	0	2	1558	
10:15	14	1	0	0	0	0	0	15	1	0	0	0	0	0	0	1	1572	
10:30	7	0	0	0	0	0	0	7	1	0	0	0	0	0	0	1	1578	
10:45	9	2	0	0	0	0	0	11	1	0	0	0	0	0	0	1	1588	
H/TOT	46	6	0	0	0	0	0	52	5	0	0	0	0	0	0	5		
11:00	13	0	0	0	0	0	0	13	2	1	0	0	0	0	0	3	1598	
11:15	7	0	0	0	0	0	0	7	3	2	0	0	0	0	0	5	1600	
11:30	8	2	0	1	0	0	0	11	4	0	0	0	0	0	0	4	1607	
11:45	12	0	0	1	0	0	0	13	1	0	0	0	0	0	0	1	1619	
H/TOT	40	2	0	2	0	0	0	44	10	3	0	0	0	0	0	13		
12:00	7	1	1	0	0	0	0	9	4	0	0	0	0	0	0	4	1624	
12:15	4	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	1628	
12:30	7	2	2	0	0	0	0	11	7	0	0	0	0	0	0	7	1632	
12:45	4	0	0	0	0	0	0	4	0	1	0	0	0	0	0	1	1635	
H/TOT	22	3	3	0	0	0	0	28	11	1	0	0	0	0	0	12		
13:00	10	3	0	0	0	0	0	13	4	2	0	0	0	0	0	6	1642	
13:15	7	1	1	0	0	0	0	9	0	0	0	0	0	0	0	0	1651	
13:30	7	2	0	0	0	0	0	9	5	2	0	0	0	0	0	7	1653	
13:45	3	0	0	0	0	0	0	3	7	0	0	0	0	0	0	7	1649	
H/TOT	27	6	1	0	0	0	0	34	16	4	0	0	0	0	0	20		
14:00	4	1	0	0	0	0	0	5	11	1	0	1	0	0	0	13	1641	
14:15	2	0	0	0	0	0	0	2	6	1	0	0	0	0	0	7	1636	
14:30	8	2	0	0	0	0	0	10	5	1	0	0	0	0	0	6	1640	
14:45	3	0	0	0	0	0	0	3	14	3	0	0	0	0	0	17	1626	
H/TOT	17	3	0	0	0	0	0	20	36	6	0	1	0	0	0	43		
15:00	1	0	0	0	0	0	0	1	3	1	0	0	0	0	0	4	1623	
15:15	3	0	0	0	0	0	0	3	3	0	0	0	0	0	0	3	1623	
15:30	3	0	0	0	0	0	0	3	4	0	0	0	0	0	0	4	1622	
15:45	8	0	0	0	0	0	0	8	28	0	0	0	0	0	0	28	1602	



SITE: B61 - B62

DATE: 26/06/12

LOCATION: Birmingham International Car Park

DAY: Tuesday

	VEHICLE COUNT																						
	ENTRY									EXIT									ACCUMULATION				
TIME	CAR 1	CAR 2	CAR 3	CAR 4	LGV	MCL	PCL	TOT	CAR 1	CAR 2	CAR 3	CAR 4	LGV	MCL	PCL	TOT	CAR	LGV	MCL	PCL	TOT		
H/TOT	15	0	0	0	0	0	0	15	38	1	0	0	0	0	0	39							
16:00	7	2	0	0	0	0	0	9	16	1	0	0	0	0	0	17	1594	0	0	0	1594		
16:15	3	0	0	0	0	0	0	3	26	0	0	0	0	0	0	26	1571	0	0	0	1571		
16:30	7	1	0	0	0	0	0	8	27	0	0	0	0	0	0	27	1552	0	0	0	1552		
16:45	3	1	0	0	0	0	0	4	23	0	0	0	0	0	0	23	1533	0	0	0	1533		
H/TOT	20	4	0	0	0	0	0	24	92	1	0	0	0	0	0	93							
17:00	5	1	0	0	0	0	0	6	16	0	0	0	0	0	0	16	1523	0	0	0	1523		
17:15	4	0	0	0	0	0	0	4	17	1	0	0	0	0	0	18	1509	0	0	0	1509		
17:30	6	4	0	0	0	0	0	10	17	17	16	0	0	0	0	50	1469	0	0	0	1469		
17:45	2	1	0	1	0	0	0	4	50	3	0	0	0	0	0	53	1420	0	0	0	1420		
H/TOT	17	6	0	1	0	0	0	24	100	21	16	0	0	0	0	137							
18:00	1	1	0	0	0	0	0	2	70	0	0	0	0	0	0	70	1352	0	0	0	1352		
18:15	1	0	0	0	0	0	0	1	63	1	0	0	0	0	0	64	1289	0	0	0	1289		
18:30	5	2	0	0	0	0	0	7	73	1	0	0	0	0	0	74	1222	0	0	0	1222		
18:45	2	1	0	0	0	0	0	3	51	0	0	0	0	0	0	51	1174	0	0	0	1174		
H/TOT	9	4	0	0	0	0	0	13	257	2	0	0	0	0	0	259							
19:00	2	1	0	0	0	0	0	3	17	1	0	0	0	0	0	18	1159	0	0	0	1159		
19:15	2	1	0	0	0	0	0	3	91	1	0	0	0	0	0	92	1070	0	0	0	1070		
19:30	1	0	0	0	0	0	0	1	71	3	0	0	0	0	0	74	997	0	0	0	997		
19:45	1	0	0	0	0	0	0	1	64	4	0	0	0	0	0	68	930	0	0	0	930		
H/TOT	6	2	0	0	0	0	0	8	243	9	0	0	0	0	0	252							
20:00	2	0	0	0	0	0	0	2	47	1	0	0	0	0	0	48	884	0	0	0	884		
20:15	1	0	0	0	0	0	0	1	36	0	0	0	0	0	0	36	849	0	0	0	849		
20:30	0	0	0	0	0	0	0	0	24	1	0	0	0	0	0	25	824	0	0	0	824		
20:45	2	0	0	0	0	0	0	2	14	0	0	0	0	0	0	14	812	0	0	0	812		
H/TOT	5	0	0	0	0	0	0	5	121	2	0	0	0	0	0	123							
P/TOT	1032	65	4	5	0	0	0	1106	934	52	16	2	0	0	0	1004							

Vehicles parked at 06:00

CAR 1	CAR 2	CAR 3	CAR 4	LGV	MCL	PCL
710						

Vehicles parked at 21:00

CAR 1	CAR 2	CAR 3	CAR 4	LGV	MCL	PCL

Peak Accumulation **1653**

Capacity 2125

% of capacity 77.8%

SITE: B61 - B62

DATE: 26/06/12

LOCATION: Birmingham International Car Park

DAY: Tuesday

	OVERALL VEHICLE OCCUPANCY																	
	TOTAL ENTRY									TOTAL EXIT								
TIME	CAR 1	CAR 2	CAR 3	CAR 4	LGV	MCL	PCL	TOT	CAR 1	CAR 2	CAR 3	CAR 4	LGV	MCL	PCL	TOT		
06:00	51	2	0	0	0	0	0	53	0	0	0	0	0	0	0	0		
06:15	81	2	0	0	0	0	0	83	0	0	0	0	0	0	0	0		
06:30	44	0	0	0	0	0	0	44	0	0	0	0	0	0	0	0		
06:45	100	2	0	0	0	0	0	102	0	0	0	0	0	0	0	0		
H/TOT	276	6	0	0	0	0	0	282	0	0	0	0	0	0	0	0		
07:00	100	2	0	0	0	0	0	102	1	0	0	4	0	0	0	5		
07:15	62	4	0	0	0	0	0	66	1	0	0	0	0	0	0	1		
07:30	83	2	0	0	0	0	0	85	0	0	0	0	0	0	0	0		
07:45	47	4	0	0	0	0	0	51	0	0	0	0	0	0	0	0		
H/TOT	292	12	0	0	0	0	0	304	2	0	0	4	0	0	0	6		
08:00	50	6	0	4	0	0	0	60	0	0	0	0	0	0	0	0		
08:15	55	2	0	0	0	0	0	57	1	0	0	0	0	0	0	1		
08:30	31	4	0	0	0	0	0	35	1	4	0	0	0	0	0	5		
08:45	24	2	0	0	0	0	0	26	0	0	0	0	0	0	0	0		
H/TOT	160	14	0	4	0	0	0	178	2	4	0	0	0	0	0	6		
09:00	27	8	0	0	0	0	0	35	0	0	0	0	0	0	0	0		
09:15	21	8	0	0	0	0	0	29	0	0	0	0	0	0	0	0		
09:30	14	4	0	0	0	0	0	18	0	0	0	0	0	0	0	0		
09:45	18	6	0	4	0	0	0	28	1	0	0	0	0	0	0	1		
H/TOT	80	26	0	4	0	0	0	110	1	0	0	0	0	0	0	1		
10:00	16	6	0	0	0	0	0	22	2	0	0	0	0	0	0	2		
10:15	14	2	0	0	0	0	0	16	1	0	0	0	0	0	0	1		
10:30	7	0	0	0	0	0	0	7	1	0	0	0	0	0	0	1		
10:45	9	4	0	0	0	0	0	13	1	0	0	0	0	0	0	1		
H/TOT	46	12	0	0	0	0	0	58	5	0	0	0	0	0	0	5		
11:00	13	0	0	0	0	0	0	13	2	2	0	0	0	0	0	4		
11:15	7	0	0	0	0	0	0	7	3	4	0	0	0	0	0	7		
11:30	8	4	0	4	0	0	0	16	4	0	0	0	0	0	0	4		
11:45	12	0	0	4	0	0	0	16	1	0	0	0	0	0	0	1		
H/TOT	40	4	0	8	0	0	0	52	10	6	0	0	0	0	0	16		
12:00	7	2	3	0	0	0	0	12	4	0	0	0	0	0	0	4		
12:15	4	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0		
12:30	7	4	6	0	0	0	0	17	7	0	0	0	0	0	0	7		
12:45	4	0	0	0	0	0	0	4	0	2	0	0	0	0	0	2		
H/TOT	22	6	9	0	0	0	0	37	11	2	0	0	0	0	0	13		
13:00	10	6	0	0	0	0	0	16	4	4	0	0	0	0	0	8		
13:15	7	2	3	0	0	0	0	12	0	0	0	0	0	0	0	0		

SITE: B61 - B62

DATE: 26/06/12

LOCATION: Birmingham International Car Park

DAY: Tuesday

	OVERALL VEHICLE OCCUPANCY																	
	TOTAL ENTRY									TOTAL EXIT								
TIME	CAR 1	CAR 2	CAR 3	CAR 4	LGV	MCL	PCL	TOT	CAR 1	CAR 2	CAR 3	CAR 4	LGV	MCL	PCL	TOT		
13:30	7	4	0	0	0	0	0	11	5	4	0	0	0	0	0	9		
13:45	3	0	0	0	0	0	0	3	7	0	0	0	0	0	0	7		
H/TOT	27	12	3	0	0	0	0	42	16	8	0	0	0	0	0	24		
14:00	4	2	0	0	0	0	0	6	11	2	0	4	0	0	0	17		
14:15	2	0	0	0	0	0	0	2	6	2	0	0	0	0	0	8		
14:30	8	4	0	0	0	0	0	12	5	2	0	0	0	0	0	7		
14:45	3	0	0	0	0	0	0	3	14	6	0	0	0	0	0	20		
H/TOT	17	6	0	0	0	0	0	23	36	12	0	4	0	0	0	52		
15:00	1	0	0	0	0	0	0	1	3	2	0	0	0	0	0	5		
15:15	3	0	0	0	0	0	0	3	3	0	0	0	0	0	0	3		
15:30	3	0	0	0	0	0	0	3	4	0	0	0	0	0	0	4		
15:45	8	0	0	0	0	0	0	8	28	0	0	0	0	0	0	28		
H/TOT	15	0	0	0	0	0	0	15	38	2	0	0	0	0	0	40		
16:00	7	4	0	0	0	0	0	11	16	2	0	0	0	0	0	18		
16:15	3	0	0	0	0	0	0	3	26	0	0	0	0	0	0	26		
16:30	7	2	0	0	0	0	0	9	27	0	0	0	0	0	0	27		
16:45	3	2	0	0	0	0	0	5	23	0	0	0	0	0	0	23		
H/TOT	20	8	0	0	0	0	0	28	92	2	0	0	0	0	0	94		
17:00	5	2	0	0	0	0	0	7	16	0	0	0	0	0	0	16		
17:15	4	0	0	0	0	0	0	4	17	2	0	0	0	0	0	19		
17:30	6	8	0	0	0	0	0	14	17	34	48	0	0	0	0	99		
17:45	2	2	0	4	0	0	0	8	50	6	0	0	0	0	0	56		
H/TOT	17	12	0	4	0	0	0	33	100	42	48	0	0	0	0	190		
18:00	1	2	0	0	0	0	0	3	70	0	0	0	0	0	0	70		
18:15	1	0	0	0	0	0	0	1	63	2	0	0	0	0	0	65		
18:30	5	4	0	0	0	0	0	9	73	2	0	0	0	0	0	75		
18:45	2	2	0	0	0	0	0	4	51	0	0	0	0	0	0	51		
H/TOT	9	8	0	0	0	0	0	17	257	4	0	0	0	0	0	261		
19:00	2	2	0	0	0	0	0	4	17	2	0	0	0	0	0	19		
19:15	2	2	0	0	0	0	0	4	91	2	0	0	0	0	0	93		
19:30	1	0	0	0	0	0	0	1	71	6	0	0	0	0	0	77		
19:45	1	0	0	0	0	0	0	1	64	8	0	0	0	0	0	72		
H/TOT	6	4	0	0	0	0	0	10	243	18	0	0	0	0	0	261		
20:00	2	0	0	0	0	0	0	2	47	2	0	0	0	0	0	49		
20:15	1	0	0	0	0	0	0	1	36	0	0	0	0	0	0	36		
20:30	0	0	0	0	0	0	0	0	24	2	0	0	0	0	0	26		
20:45	2	0	0	0	0	0	0	2	14	0	0	0	0	0	0	14		



SITE: B61 - B62

DATE: 26/06/12

LOCATION: Birmingham International Car Park

DAY: Tuesday

	OVERALL VEHICLE OCCUPANCY																	
TIME	TOTAL ENTRY								TOT	TOTAL EXIT								TOT
	CAR 1	CAR 2	CAR 3	CAR 4	LGV	MCL	PCL	CAR 1		CAR 2	CAR 3	CAR 4	LGV	MCL	PCL			
H/TOT	5	0	0	0	0	0	0	5	121	4	0	0	0	0	0	125		
P/TOT	1032	130	12	20	0	0	0	1194	934	104	48	8	0	0	0	1094		



2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY

SITE: B63

DATE: 26/06/2012

LOCATION: Taxi Drop Off/Pick Up

DAY: Tuesday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS DROPPED OFF	
06:55	4ECT	1	06:55	4ECT	0	00:00
06:56	4RLO	0	06:56	4RLO	1	00:00
07:03	7KDJ	1	07:03	7KDJ	0	00:00
07:04	5FVG	1	07:04	5FVG	0	00:00
07:06	0FYD	1	07:06	0FYD	0	00:00
07:10	3VCM	1	07:10	3VCM	0	00:00
07:10	5JSU	0	07:17	5JSU	1	00:07
07:10	4DLZ	1	07:12	4DLZ	0	00:02
07:12	3VCM	2	07:12	3VCM	0	00:00
07:13	5KBR	1	07:13	5KBR	0	00:00
07:14	9KHR	2	07:15	9KHR	0	00:01
07:16	6HSJ	1	07:16	6HSJ	0	00:00
07:18	4LUR	1	07:18	4LUR	0	00:00
07:18	4BYV	1	07:18	4BYV	0	00:00
07:21	8FTF	0	07:21	8FTF	0	00:00
07:27	8SRU	1	07:27	8SRU	0	00:00
07:28	7TMZ	0	07:28	7TMZ	1	00:00
07:29	6XAG	1	07:29	6XAG	0	00:00
07:41	5ZTN	1	07:41	5ZTN	0	00:00
07:43	4VVT	1	07:45	4VVT	0	00:02
07:47	9OND	1	07:47	9OND	0	00:00
07:48	5UOB	0	07:57	5UOB	2	00:09
07:50	6YMO	0	07:50	6YMO	3	00:00
07:50	0AYD	2	07:52	0AYD	0	00:02
07:54	3VCM	0	07:56	3VCM	1	00:02
08:00	7OSE	0	08:01	7OSE	0	00:01
08:01	6MBK	0	08:02	6MBK	0	00:01
08:11	1JXP	0	08:15	1JXP	2	00:04
08:11	4VVT	0	08:23	4VVT	1	00:12
08:14	6YMO	0	08:16	6YMO	2	00:02
08:14	6UFB	1	08:19	6UFB	0	00:05
08:16	8XFE	1	08:18	8XFE	0	00:02
08:19	6ZVP	1	08:19	6ZVP	0	00:00
08:20	7WME	0	08:20	7WME	1	00:00
08:25	9WOM	0	08:41	9WOM	0	00:16
08:25	6XDY	2	08:25	6XDY	0	00:00
08:26	6EUN	1	08:27	6EUN	0	00:01
08:26	7DHN	1	08:26	7DHN	0	00:00
08:27	6AUF	1	08:28	6AUF	0	00:01
08:28	6HAA	0	08:29	6HAA	0	00:01
08:30	2OAS	1	08:39	2OAS	0	00:09
08:33	6HAA	0	08:33	6HAA	1	00:00
08:34	3MYB	1	08:35	3MYB	0	00:01
08:35	2VCZ	0	08:40	2VCZ	1	00:05
08:35	4ODF	0	08:40	4ODF	1	00:05
08:35	5WPL	1	08:35	5WPL	0	00:00
08:37	6HAA	1	08:37	6HAA	0	00:00
08:37	7JUH	0	08:38	7JUH	0	00:01
08:38	6HAA	0	08:41	6HAA	5	00:03
08:42	7YZD	0	08:47	7YZD	0	00:05
08:43	0BSU	1	08:43	0BSU	0	00:00
08:43	8PXE	0	08:48	8PXE	1	00:05
08:45	5RJV	1	08:45	5RJV	0	00:00
08:45	3YKE	0	08:46	3YKE	1	00:01
08:46	8RYC	0	09:00	8RYC	1	00:14
08:51	5CZZ	1	08:53	5CZZ	0	00:02
08:51	3CVY	0	08:57	3CVY	1	00:06
08:55	6OPX	0	08:55	6OPX	2	00:00
08:55	4KVD	0	08:58	4KVD	1	00:03
08:58	5WAJ	0	08:59	5WAJ	1	00:01
09:56	5ZRX	1	09:56	5ZRX	0	00:00
10:00	5FJC	2	10:01	5FJC	0	00:01
10:01	4PLU	2	10:02	4PLU	0	00:01



2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY

SITE: B63

DATE: 26/06/2012

LOCATION: Taxi Drop Off/Pick Up

DAY: Tuesday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS DROPPED OFF	
10:02	7PKA	0	10:02	7PKA	0	00:00
10:07	9JCN	0	10:10	9JCN	0	00:03
10:10	7PKA	0	10:10	7PKA	1	00:00
10:13	5YRC	1	10:13	5YRC	0	00:00
10:21	7FXS	1	10:21	7FXS	0	00:00
10:24	4AOE	0	10:26	4AOE	1	00:02
10:37	4KTS	0	10:38	4KTS	1	00:01
10:41	6RKJ	0	10:41	6RKJ	1	00:00
11:00	9COH	1	11:00	9COH	0	00:00
11:03	5ONL	2	11:03	5ONL	0	00:00
11:13	6BPK	1	11:13	6BPK	0	00:00
11:14	2WYK	0	11:21	2WYK	1	00:07
11:23	5VLT	0	11:26	5VLT	0	00:03
11:33	9BGU	2	11:33	9BGU	0	00:00
11:34	3KXB	1	11:34	3KXB	0	00:00
11:42	1PTX	0	11:44	1PTX	0	00:02
11:42	8HNA	0	11:42	8HNA	0	00:00
11:42	4TGA	0	11:45	4TGA	0	00:03
11:42	3MUN	0	11:43	3MUN	1	00:01
11:43	1OER	2	11:43	1OER	0	00:00
11:45	5MBT	0	11:48	5MBT	0	00:03
11:46	6UCD	0	11:51	6UCD	1	00:05
11:51	1PTX	0	11:55	1PTX	2	00:04
12:58	8XFE	2	12:59	8XFE	0	00:01
13:03	8MWK	1	13:03	8MWK	0	00:00
13:06	3PZF	1	13:06	3PZF	0	00:00
13:10	3OFZ	0	13:15	3OFZ	1	00:05
13:15	4VJF	1	13:16	4VJF	0	00:01
13:13	3CFZ	0	13:14	3CFZ	1	00:01
13:20	6ENJ	1	13:20	6ENJ	0	00:00
13:23	4PCY	1	13:23	4PCY	0	00:00
13:23	3FMA	1	13:24	3FMA	0	00:01
13:25	6SZV	1	13:25	6SZV	0	00:00
13:27	7ULO	2	13:27	7ULO	0	00:00
13:29	8EJF	1	13:30	8EJF	0	00:01
13:30	5YNM	0	13:45	5YNM	1	00:15
13:34	7XEX	1	13:34	7XEX	0	00:00
13:41	2AMK	0	13:44	2AMK	1	00:03
13:43	155H	1	13:46	155H	0	00:03
13:49	8XFE	1	13:49	8XFE	0	00:00
13:51	2VCZ	1	13:51	2VCZ	0	00:00
13:53	1GRD	1	13:53	1GRD	0	00:00
13:54	2VMX	1	13:54	2VMX	0	00:00
13:55	4TGA	2	13:55	4TGA	0	00:00
14:00	5WXT	0	14:00	5WXT	2	00:00
14:01	9XPT	0	14:03	9XPT	3	00:02
14:03	6FXF	0	14:05	6FXF	1	00:02
14:12	5LWW	1	14:13	5LWW	0	00:01
14:13	2VCZ	0	14:21	2VCZ	0	00:08
14:17	5ZXY	0	14:22	5ZXY	0	00:05
14:25	2SRO	0	14:25	2SRO	1	00:00
14:27	2AMK	2	14:27	2AMK	0	00:00
14:30	4NCC	2	14:31	4NCC	0	00:01
14:31	1YFW	0	14:33	1YFW	0	00:02
14:33	2419	0	14:33	2419	1	00:00
14:33	4VJF	1	14:34	4VJF	0	00:01
14:35	8ONB	1	14:35	8ONB	0	00:00
14:35	9PGR	1	14:36	9PGR	0	00:01
14:37	4KTS	2	14:38	4KTS	0	00:01
14:37	8LTK	0	14:45	8LTK	0	00:08
14:42	9KOX	4	14:42	9KOX	0	00:00
14:43	1BOH	2	14:43	1BOH	0	00:00
14:50	9PGR	1	14:51	9PGR	0	00:01



2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY

SITE: B63

DATE: 26/06/2012

LOCATION: Taxi Drop Off/Pick Up

DAY: Tuesday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS DROPPED OFF	
14:50	8FPP	1	14:51	8FPP	0	00:01
14:54	8SRU	1	14:54	8SRU	0	00:00
14:56	1MMZ	0	14:56	1MMZ	1	00:00
14:53	6JBU	1	14:54	6JBU	0	00:01
14:55	9JCN	1	14:55	9JCN	0	00:00
15:00	6NSJ	1	15:00	6NSJ	0	00:00
16:00	1MMZ	4	16:00	1MMZ	0	00:00
16:00	9LKG	1	16:00	9LKG	0	00:00
16:05	2AMK	2	16:05	2AMK	0	00:00
16:06	2CMS	1	16:06	2CMS	0	00:00
16:07	3AHU	1	16:07	3AHU	0	00:00
16:08	5AFO	3	16:08	5AFO	0	00:00
16:08	6ZRO	1	16:08	6ZRO	0	00:00
16:08	7NFZ	3	16:08	7NFZ	0	00:00
16:11	3VCX	1	16:11	3VCX	0	00:00
16:11	6YMO	4	16:11	6YMO	0	00:00
16:12	7OSE	1	16:12	7OSE	0	00:00
16:13	2AMK	1	16:13	2AMK	0	00:00
16:14	2AOP	1	16:15	2AOP	0	00:01
16:15	7WGZ	1	16:16	7WGZ	0	00:01
16:16	2683	1	16:16	2683	0	00:00
16:20	4RYC	4	16:20	4RYC	0	00:00
16:20	4HNA	3	16:20	4HNA	0	00:00
16:22	4MMJ	1	16:22	4MMJ	0	00:00
16:23	6ZRO	1	16:23	6ZRO	0	00:00
16:25	5ZXY	3	16:25	5ZXY	0	00:00
16:26	4OOR	1	16:26	4OOR	0	00:00
16:26	4XGD	1	16:27	4XGD	0	00:01
16:29	5OEL	1	16:29	5OEL	0	00:00
16:31	4FNH	1	16:31	4FNH	0	00:00
16:32	2GVR	2	16:32	2GVR	0	00:00
16:33	7HLN	3	16:33	7HLN	0	00:00
16:34	4DSZ	1	16:34	4DSZ	0	00:00
16:35	7TMZ	1	16:35	7TMZ	0	00:00
16:35	7HLO	1	16:35	7HLO	0	00:00
16:36	5EBF	1	16:36	5EBF	0	00:00
16:37	8SRU	1	16:37	8SRU	0	00:00
16:38	3AOU	4	16:38	3AOU	0	00:00
16:43	2YHO	3	16:43	2YHO	0	00:00
16:45	5YGJ	1	16:45	5YGJ	0	00:00
16:46	3DNF	2	16:46	3DNF	0	00:00
16:47	4DLZ	2	16:47	4DLZ	0	00:00
16:48	3GGR	1	16:48	3GGR	0	00:00
16:51	4OYY	1	16:51	4OYY	0	00:00
16:54	4WFD	1	16:54	4WFD	0	00:00
16:55	8LTK	4	16:55	8LTK	0	00:00
16:55	5YCU	0	16:55	5YCU	1	00:00
16:55	4FNH	1	16:55	4FNH	0	00:00
16:59	8NWJ	1	16:59	8NWJ	0	00:00
17:00	5EBF	1	17:00	5EBF	0	00:00
17:01	4BYV	3	17:01	4BYV	0	00:00
17:02	6HAA	3	17:02	6HAA	0	00:00
17:10	7WGZ	3	17:10	7WGZ	0	00:00
17:10	0OFX	0	17:10	0OFX	1	00:00
17:12	3MUN	1	17:12	3MUN	0	00:00
17:13	7YYN	1	17:13	7YYN	0	00:00
17:23	4DXV	1	17:23	4DXV	0	00:00
17:24	3GGR	1	17:24	3GGR	0	00:00
17:25	8EHG	10	17:25	8EHG	0	00:00
17:25	4XGD	1	17:25	4XGD	0	00:00
17:26	4MMJ	1	17:26	4MMJ	0	00:00
17:28	0CMS	0	17:28	0CMS	1	00:00
17:32	5CYX	1	17:32	5CYX	0	00:00

SITE: B63

DATE: 26/06/2012

LOCATION: Taxi Drop Off/Pick Up

DAY: Tuesday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS DROPPED OFF	
17:40	6YWK	1	17:40	6YWK	0	00:00
17:41	7TMZ	1	17:41	7TMZ	0	00:00
17:43	8121	1	17:43	8121	0	00:00
17:47	4TZT	0	17:47	4TZT	1	00:00
17:53	5ULL	2	17:53	5ULL	0	00:00
17:58	3EKD	0	17:58	3EKD	1	00:00
17:56	3EHU	1	17:56	3EHU	0	00:00
19:10	6RUA	2	19:12	6RUA	0	00:02
19:12	2YKV	0	19:14	2YKV	0	00:02
19:14	3MUN	0	19:14	3MUN	1	00:00
19:15	1LKX	0	19:15	1LKX	1	00:00
19:18	4FXL	0	19:26	4FXL	1	00:08
19:19	8BLV	4	19:20	8BLV	0	00:01
19:21	6UCR	0	19:26	6UCR	0	00:05
19:22	3EFK	0	19:22	3EFK	1	00:00
19:23	2ZDC	0	19:23	2ZDC	3	00:00
19:27	2GJJ	0	19:41	2GJJ	0	00:14
19:28	6UCR	0	19:40	6UCR	1	00:12
19:30	3LWT	3	19:31	3LWT	0	00:01
19:35	5XWW	2	19:35	5XWW	0	00:00
19:42	6VNC	1	19:42	6VNC	0	00:00
19:44	4FXL	0	19:46	4FXL	1	00:02
19:45	4VJM	0	19:46	4VJM	1	00:01
19:47	1VYD	0	19:47	1VYD	1	00:00
19:47	RM9N	0	19:48	RM9N	2	00:01
19:48	1EVV	0	19:48	1EVV	3	00:00
19:52	6JBU	1	19:52	6JBU	0	00:00
19:54	1OYC	0	19:54	1OYC	1	00:00
19:58	6VYW	2	19:59	6VYW	0	00:01
20:03	3TAJ	1	20:03	3TAJ	0	00:00
20:09	4RUW	1	20:09	4RUW	0	00:00
20:23	4PWZ	1	20:23	4PWZ	0	00:00
20:32	6JBU	0	20:38	6JBU	1	00:06
20:41	7KTV	1	20:41	7KTV	1	00:00
<b>TOTAL</b>		219	<b>TOTAL</b>		77	

SITE: B63

DATE: 26/06/2012

LOCATION: Taxi Drop Off/Pick Up

DAY: Tuesday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
06:36	4NFC	2	06:37	4NFC	0	00:01
06:45	2HKA	1	06:47	2HKA	0	00:02
06:51	4WFL	1	06:52	4WFL	0	00:01
06:56	4RZL	1	06:57	4RZL	0	00:01
07:00	5JVD	1	07:01	5JVD	0	00:01
07:12	3VCX	1	07:13	3VCX	0	00:01
07:13	8FTF	1	07:16	8FTF	0	00:03
07:28	5VFM	1	07:29	5VFM	0	00:01
07:47	3JZM	1	07:49	3JZM	0	00:02
08:10	8XFE	1	08:11	8XFE	0	00:01
08:15	3ELO	3	08:16	3ELO	0	00:01
09:00	8UUM	1	09:01	8UUM	0	00:01
09:05	4RYC	2	09:07	4RYC	0	00:02
09:07	5ZRX	1	09:08	5ZRX	0	00:01
09:08	4BXP	0	09:12	4BXP	1	00:04
09:08	5VFM	0	09:19	5VFM	1	00:11
09:17	4WXW	0	09:18	4WXW	1	00:01
09:20	7KFT	0	09:21	7KFT	1	00:01
09:25	4AMK	1	09:27	4AMK	0	00:02
09:27	2BAP	2	09:28	2BAP	0	00:01
09:30	8XEA	1	09:37	8XEA	0	00:07
09:33	8FUB	1	09:34	8FUB	0	00:01
09:34	7MZU	1	09:35	7MZU	0	00:01
09:38	7JJU	3	09:39	7JJU	0	00:01
09:48	2VMX	2	09:49	2VMX	0	00:01
09:50	8BKK	1	09:53	8BKK	0	00:03
09:51	3VCX	1	09:52	3VCX	0	00:01
12:20	4VEY	2	12:22	4VEY	0	00:02
12:22	9COH	0	12:26	9COH	2	00:04
12:25	2GJJ	0	12:37	2GJJ	1	00:12
12:30	8JDU	1	12:32	8JDU	0	00:02
12:33	3VOP	1	12:34	3VOP	0	00:01
12:33	3UFJ	2	12:35	3UFJ	0	00:02
12:39	5VLT	0	12:40	5VLT	1	00:01
12:44	6LWT	0	12:48	6LWT	1	00:04
12:46	3KFY	1	12:47	3KFY	0	00:01
12:49	3CFZ	1	12:50	3CFZ	0	00:01
12:50	3OFZ	0	13:03	3OFZ	0	00:13
15:00	5VFM	0	15:00	5VFM	0	00:00
15:00	7FXM	2	15:01	7FXM	0	00:01
15:01	9LKG	1	15:01	9LKG	0	00:00
15:05	8OXB	5	15:06	8OXB	0	00:01
15:06	5ZXY	1	15:08	5ZXY	0	00:02
15:07	7AJT	2	15:08	7AJT	0	00:01
15:08	3YFC	1	15:09	3YFC	0	00:01
15:12	5VFM	0	15:14	5VFM	2	00:02
15:12	9LKG	2	15:14	9LKG	0	00:02
15:15	8BKK	2	15:16	8BKK	1	00:01
15:15	1810	2	15:16	1810	0	00:01
15:17	5WYM	2	15:18	5WYM	0	00:01
15:17	7FXM	1	15:18	7FXM	0	00:01
15:19	3PZF	1	15:20	3PZF	0	00:01
15:20	2AMK	2	15:21	2AMK	0	00:01
15:20	1AKZ	2	15:21	1AKZ	0	00:01
15:22	4YJF	2	15:23	4YJF	0	00:01
15:23	4LZD	1	15:24	4LZD	0	00:01
15:27	1RYX	1	15:28	1RYX	0	00:01
15:28	9LKG	2	15:29	9LKG	0	00:01
15:29	5SYP	0	15:41	5SYP	1	00:12
15:32	4VJF	1	15:34	4VJF	0	00:02
15:32	4DWG	2	15:33	4DWG	0	00:01
15:35	4OOR	1	15:37	4OOR	0	00:02
15:35	6UBH	1	15:38	6UBH	1	00:03

SITE: B63

DATE: 26/06/2012

LOCATION: Taxi Drop Off/Pick Up

DAY: Tuesday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
15:37	1PTX	2	15:38	1PTX	0	00:01
15:38	2AMK	2	15:39	2AMK	1	00:01
15:39	5PKA	1	15:40	5PKA	0	00:01
15:42	7GWG	1	15:43	7GWG	0	00:01
15:47	6LWT	1	15:48	6LWT	0	00:01
15:51	3GYZ	1	15:52	3GYZ	0	00:01
15:51	5SYP	0	15:53	5SYP	3	00:02
18:05	4PWZ	0	18:05	4PWZ	3	00:00
18:07	6JBU	1	18:07	6JBU	0	00:00
18:09	4OFY	0	18:11	4OFY	1	00:02
18:17	5HVD	1	18:19	5HVD	0	00:02
18:24	2WYK	0	18:39	2WYK	0	00:15
18:25	4HHU	1	18:28	4HHU	2	00:03
18:42	3YTM	1	18:45	3YTM	0	00:03
18:44	1CSH	0	18:44	1CSH	1	00:00
18:45	5MBT	1	18:58	5MBT	2	00:13
18:54	4MMJ	0	18:57	4MMJ	1	00:03
<b>TOTAL</b>		<b>89</b>	<b>TOTAL</b>		<b>28</b>	



2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY

SITE: B63

DATE: 26/06/2012

LOCATION: Taxi Drop Off/Pick Up

DAY: Tuesday

OUT		
TIME	REG	PASSENGERS PICKED UP
07:35	4BEO	0
07:55	3KWK	1
07:55	8FUB	2
08:15	4LJL	1
08:15	2WYK	1
08:15	1BOH	1
08:15	4TFV	1
08:16	9BMY	1
08:16	2TYB	1
08:17	9JCN	3
08:17	3DTX	1
08:18	8XEA	1
08:34	4LHU	2
08:38	4BEO	2
08:38	1YFW	2
08:39	4JVL	1
08:39	7GVP	1
08:40	5YGT	1
08:40	5JWK	1
08:40	0OYO	1
08:41	3KWK	2
08:41	3DNF	1
08:42	8GDX	1
08:42	4JVT	1
08:42	2GJJ	1
08:42	8WOM	1
08:43	3TLX	2
08:43	1COJ	1
08:43	6UFB	3
08:43	4TGA	1
08:44	1BOH	1
08:44	8XEA	1
08:44	9BMY	2
08:45	7JGB	1
08:45	5VFM	2
08:46	8LLX	1
08:49	6AUK	1
08:50	7FOT	1
08:52	1DOB	1
08:53	4FXL	1
08:55	4TFV	1



08:55	4BEO	2
08:56	7HLN	2
08:56	5JWK	1
08:56	5YGT	1
08:56	3AHU	1
08:56	2WYK	3
08:59	3TLX	1
08:57	4JVL	2
08:57	0OYO	2
08:58	4LHU	1
08:58	4LJL	1
08:58	6AUK	1
09:02	6LVC	1
09:02	3KWK	1
09:02	4FXL	1
09:04	3AHU	2
09:04	8HNA	1
09:05	0OYO	1
09:05	3TLX	1
09:06	8XEA	1
09:07	4JVT	2
09:09	7JGB	2
09:10	1BXK	1
09:11	1COJ	1
09:16	4TGA	1
09:19	3KWK	1
09:17	7FOT	1
09:17	9BMY	1
09:18	4TFV	1
09:18	4LJL	2
09:18	8LLX	1
09:18	9JCN	1
09:19	4FXL	1
09:19	5VFM	3
09:20	0OYO	1
09:21	3DNF	2
09:22	3AHU	1
09:22	2WYK	1
09:23	1DOB	1
09:23	8HNA	1
09:24	7JGB	1
09:26	4DNC	1
09:26	8GDX	1
09:26	1COJ	1
09:27	4BEO	2
09:29	1BXK	1
09:36	8BKK	1
09:37	2GJJ	1
09:38	7MNE	1
09:38	6UFB	1
09:39	5JWK	1
09:39	1BOH	2
09:40	5YGT	1
09:40	7HLN	1
09:40	7GVP	1
09:41	9BMY	3

09:41	4TFV	3
09:41	4TGA	1
09:41	4LHU	1
09:41	8XEA	1
09:42	9JCN	1
09:42	3AHU	1
09:42	0OYO	2
09:43	8WOM	4
09:43	5VFM	1
09:44	8HNA	2
09:45	3DNF	1
09:45	4JVT	4
09:46	8GDX	2
09:46	7JGB	1
09:47	6AUK	1
09:51	8LLX	1
09:51	4FZY	1
09:52	4DNC	1
09:53	4JVL	1
09:54	3TLX	1
09:55	6LVC	1
09:58	4LJL	1
09:58	3KWK	1
10:01	7FOT	1
10:03	4FXL	1
10:04	2GJJ	1
10:09	2WYK	1
10:09	5YGT	1
10:10	7MNE	1
10:10	8BKK	1
10:11	1DOB	1
10:11	3AHU	1
10:12	1BOH	1
10:12	5VFM	1
10:12	4TFV	1
10:12	4BEO	1
10:13	1YFW	1
10:13	8HNA	1
10:13	9JCN	1
10:13	6AUK	1
10:14	4LHU	1
10:14	1BXK	1
10:14	4FZY	1
10:17	4JVL	1
10:18	4DNC	1
10:37	3DNF	2
10:37	8WOM	2
10:37	4TGA	1
10:40	7HLN	1
10:46	3TLX	1
10:51	7GVP	1
10:51	9BMY	1
10:53	3KWK	1
10:57	0OYO	2
10:57	4LJL	2
10:59	1COJ	1

11:06	8XEA	1
11:17	2TYB	1
11:18	4FXL	1
11:20	2GJJ	2
11:20	4LHU	1
11:28	6UFB	1
11:31	7MNE	1
11:32	1YFW	1
11:36	6LVC	1
11:36	4BEO	1
11:55	8BKK	1
11:57	4JVT	1
12:02	2WYK	1
12:10	8LLX	2
12:20	1BXK	1
12:21	3YTM	2
12:22	3AHU	1
12:35	5YGT	1
12:36	1BOH	1
12:36	6AUK	1
12:38	8HNA	2
12:44	5JWK	1
12:53	5MBT	1
12:57	8WOM	1
13:00	7HLN	1
13:06	3DNF	1
13:19	4TGA	1
13:20	0OYO	1
13:22	3KWK	1
13:33	4LJL	2
13:36	2GJJ	2
13:38	800K	2
13:43	1YFW	1
13:49	2TYB	2
13:52	2WYK	1
13:54	8BKK	2
13:58	1BXK	1
14:07	3YTM	1
14:20	8LLX	1
14:29	1BOH	1
14:33	0FNS	1
14:41	5MBT	2
14:42	8WOM	1
14:42	3DNF	1
14:43	8HNA	1
14:43	3KWK	1
14:51	7HLN	1
14:52	4LJL	1
14:57	800K	5
14:58	4TGA	1
14:59	2TYB	1
15:09	1YFW	3
15:26	5JWK	1
15:27	3YTM	1
15:36	6UFB	3
15:36	8LLX	1

15:39	4FXL	4
15:40	0FNS	5
15:47	2WYK	1
15:48	3DNF	1
15:50	3KWK	1
15:50	4LJL	4
15:57	1YFW	1
15:58	1BXK	2
16:04	4TGA	2
16:04	2TYB	1
16:04	8LTK	1
16:11	3KWK	1
16:23	3DNF	1
16:34	8DOB	2
16:38	4LJL	1
16:39	8WOM	2
16:42	3AHU	1
16:48	4FXL	1
16:51	1BXK	3
16:53	3YTM	1
16:54	1YFW	1
17:01	8BKK	1
17:01	2TYB	1
17:01	4JVT	2
17:16	8LLX	1
17:17	3KWK	1
17:37	7HLN	1
17:44	5JWK	1
17:46	0FNS	1
17:47	5MBT	1
17:51	8HNA	1
17:53	3DNF	2
17:53	8DOB	1
17:55	5UMO	1
17:56	6YVU	1
18:00	8XEA	1
18:00	6AUK	1
18:02	4FXL	1
18:08	4TGA	1
18:09	1BXK	2
18:10	3YOG	1
18:12	3YTM	1
18:15	3AHU	1
18:16	1YFW	1
18:16	0OYO	1
18:18	4JVT	1
18:18	8BKK	1
18:30	4LHU	1
18:34	6LVC	1
18:36	8LTK	1
18:36	4LJL	1
18:38	4JVL	1
18:40	3DNF	1
18:43	0FNS	1
18:58	4FZY	1
18:59	4RSY	2

19:03	8DOB	1
19:22	3YOG	2
19:24	6YVU	3
19:25	2WYK	2
19:25	5UMO	1
19:35	6AUK	1
19:37	3AHU	1
19:39	8XEA	1
19:42	3YTM	1
19:42	6AWH	1
19:42	1COJ	1
19:45	5MBT	1
19:45	4JVT	1
19:59	0OYO	1
20:11	4LHU	1
20:14	0FNS	1
20:16	8LTK	2
20:16	2GJJ	2
20:17	4JVL	1
20:17	4FZY	3
20:18	8DOB	3
20:18	4RSY	2
20:19	5UMO	1
20:22	3YTM	1
20:29	8XEA	4
20:38	5MBT	1
20:39	6AWH	1
20:47	6AUK	1
20:47	1COJ	1
20:50	0OYO	1
<b>TOTAL</b>		390

SITE: B64

DATE: 26/06/2012

LOCATION: Birmingham International Main Entrance

DAY: Tuesday

SERVICE NO.	REG	ARRIVAL TIME	DEPARTURE OR PASSING TIME	BOARDERS	ALIGHTERS
900	BX02ARU	06:12	06:12	5	0
966	BU05HFT	06:13	06:13	0	1
966	BX54XPZ	06:18	06:18	0	0
900	BX54XSL	06:25	06:25	1	0
900	Y808TOH	06:44	06:44	4	0
966	Y423MOA	06:45	06:45	1	1
966	BU05HFT	06:45	06:45	0	0
APIX	YJ10MGU	06:57	06:57	0	1
900	BX54XSK	06:57	06:57	1	1
90	BX54XRT	07:14	07:14	9	0
966	V62MOA	07:14	07:14	2	0
900	BX54XRO	07:27	07:27	5	7
B90	YK06	07:31	07:31	0	0
900	BX54XSH	07:38	07:38	1	0
966	V103MOA	07:40	07:40	5	10
900	BX54XSB	07:56	07:57	5	5
966	Y778TOH	08:01	08:01	3	3
900	BX54XOM	08:09	08:09	0	0
966	BX54XPR	08:10	08:14	1	6
900	BX54XRZ	08:21	08:22	1	3
900	YAZ8644	08:23	08:23	0	0
B90	YN06JFX	08:31	08:31	0	0
900	BX54XRT	08:38	08:39	5	0
538	HSK950	08:47	08:47	0	0
966	BX54DGF	08:47	08:47	3	7
900	BX02ARU	08:53	08:53	2	0
900	BX54XSH	09:08	09:08	0	0
91	YX06	09:13	09:26	0	0
966	BX54XPZ	09:20	09:20	1	7
900	BX02ATO	09:28	09:28	1	0
B90	YN06JFX	09:31	09:31	0	0
M15	CN07BOA	09:41	09:41	0	0
966	V423MOA	09:41	09:44	2	5
8001	BX54XSM	09:43	09:43	0	0
905	BX54XSK	09:55	09:55	0	1
900	BX54XRT	10:12	10:13	3	0
966	V62MOA	10:16	10:16	1	0
900	BX54XRO	10:25	10:25	1	3
91	YV06CUW	10:26	10:26	0	0
B90	YN06JFX	10:31	10:31	0	0
900	BX54XRU	10:40	10:41	3	0
966	V103MOA	10:50	10:50	0	6
900	BX54XSB	10:55	10:55	2	0
APH	YO10MGU	10:59	10:59	0	0
900	BX54XSJ	11:12	11:12	0	0
966	BX54XPR	11:15	11:15	0	2
91	YX06COW	11:22	11:25	0	0
900	BX54XRZ	11:26	11:27	2	4
B90	YN06SFX	11:30	11:30	0	0
777	FJ11GJU	11:41	11:41	0	0
900	BX54XRR	11:42	11:42	1	0
966	BU05HFT	11:43	11:44	1	0
966	BX54DGF	11:46	11:48	0	0
900	BX02ARU	11:54	11:54	1	0
900	BX54XRY	12:11	12:11	2	2
966	BX54XPZ	12:16	12:17	1	0
91	YX06CUW	12:31	12:31	0	0
B90	YN06JFX	12:32	12:32	0	0
900	BX54XRU	12:38	12:38	6	0
900	BX02ATO	12:41	12:41	0	0
966	V423MOA	12:49	12:49	3	0
900	BX54XSL	12:58	12:59	5	0
900	BX54XSK	13:10	13:10	0	1

SITE: B64

DATE: 26/06/2012

LOCATION: Birmingham International Main Entrance

DAY: Tuesday

SERVICE NO.	REG	ARRIVAL TIME	DEPARTURE OR PASSING TIME	BOARDERS	ALIGHTERS
966	BU05HFT	13:15	13:15	0	0
966	V62MOA	13:15	13:16	2	1
Silverline	BU08EJF	13:29	13:29	0	3
900	BU52OBT	13:31	13:31	2	0
900	BK54XRO	13:42	13:42	3	0
B90	YN06JFX	13:45	13:45	0	2
966	VI03MOA	13:49	13:50	5	2
900	BX54XSH	13:57	13:57	3	0
966	BX54XPR	14:17	14:17	4	0
900	BX54XSH	14:29	14:31	13	0
900	BX54XRZ	14:40	14:41	2	0
B90	YN06SFX	14:45	14:45	0	0
966	BX54DGF	14:50	14:51	6	0
900	BX54XRT	14:58	14:58	7	1
APH	YJ10MGL	14:59	14:59	0	0
900	OX02ARU	15:10	15:11	8	1
966	BX54	15:21	15:21	4	1
900	BX54XRU	15:30	15:32	15	3
966	BX54XRU	15:42	15:42	6	0
B90	YN06SFX	15:46	15:46	0	0
966	Y423MOA	15:51	15:51	1	0
900	BX54XSJ	15:57	15:57	7	0
900	BX54XSL	16:14	16:15	15	0
900	BX54XRR	16:29	16:29	2	0
966	V62MOA	16:33	16:34	5	0
900	BV52OBT	16:45	16:46	13	1
B90	YN06JFX	16:45	16:46	0	0
966	VI03MOA	16:54	16:55	10	0
900	BX54XRY	16:56	16:57	7	2
900	BX54XRO	17:14	17:26	14	2
900	BX02ATO	17:27	17:27	1	3
966	BX54XPR	17:34	17:34	6	3
900	BX54XSJ	17:44	17:45	15	0
B90	YN06JFX	17:45	17:59	0	0
900	BX54XSK	17:57	18:05	2	0
966	BX54DGF	18:05	18:12	7	4
966	BU05HFY	18:12	18:32	0	0
900	BX54XRR	18:22	18:29	7	0
900	BU52OOC	18:29	18:30	1	2
B90	YN06JFX	18:30	18:33	0	0
966	BX54XPZ	18:33	18:39	4	0
777	FJ11MLL	18:39	18:39	0	0
900	BX54XRY	18:45	18:46	6	0
966	Y423MOA	18:56	18:56	1	0
900	BX54XSH	19:04	19:04	6	0
900	BX54XSB	19:10	19:11	6	0
966	V62MOA	19:22	19:23	5	0
900	BX54XSL	19:30	19:30	6	2
966	W415BOV	19:52	19:52	6	0
900B	BV52OBT	20:04	20:04	4	0
966	BX54XRR	20:24	20:25	2	0
900	BX54XSH	20:28	20:29	5	0
966	BU05HFY	20:35	20:36	0	0
TOTAL				334	109

SITE: B64

DATE: 26/06/2012

LOCATION: Birmingham International opposite Main Entrance

DAY: Tuesday

SERVICE NO.	REG	ARRIVAL TIME	DEPARTURE OR PASSING TIME	BOARDERS	ALIGHTERS
APH	YJ10MGV	06:06	06:06	0	1
966	BO05HFZ	06:09	06:10	1	1
966	BX54XPR	06:15	06:15	0	0
900	BX54XSB	06:25	06:26	0	14
966	BX54DGF	06:41	06:43	2	1
900	BX54XRZ	06:51	06:52	0	15
777	YN56NNB	07:04	07:06	10	0
966	BU05HF	07:07	07:07	6	1
966	BX54XPZ	07:07	07:10	3	0
900	BX02ARD	07:14	07:14	3	15
B90	YN06JFX	07:20	07:30	7	0
966	BU05HFX	07:30	07:30	0	0
777	SN04EFH	07:33	07:35	8	1
900	BX02ATO	07:36	07:37	0	18
966	VA23MOA	07:37	07:38	1	10
900E	BX54XSH	07:50	07:51	0	12
777	YN56NNB	08:02	08:06	12	1
966	V62MOA	08:08	08:08	3	4
900	BX54XSK	08:11	08:12	1	15
B90	YN06JFX	08:17	08:30	15	1
900E	BX54XRT	08:23	08:24	0	5
900	BX54XSB	08:24	08:29	2	0
777	SN04EFM	08:36	08:37	13	3
966	VI03MOA	08:38	08:40	5	8
900	BX54XRO	08:46	08:46	1	14
900B	BX54XSH	08:54	08:55	0	10
777	YN56NNB	09:06	09:07	8	0
966	BX54BXR	09:11	09:12	1	1
B90	YN06JFX	09:19	09:29	0	0
900	BX54XSB	09:21	09:21	0	9
8008	BX54XSM	09:25	09:26	0	1
777	SN04EFM	09:34	09:34	0	2
900	BX54XRZ	09:41	09:42	2	7
966	BX54DGF	09:44	09:46	0	0
900E	BX54XRT	10:03	10:04	1	0
777	YN56NNB	10:03	10:04	0	4
B90	YN06JFX	10:14	10:30	0	0
900	BX02ARU	10:15	10:15	2	0
966	BX54XPZ	10:15	10:16	1	3
APH	YJ10MGV	10:16	10:16	0	1
900E	BX54XRU	10:23	10:23	0	3
777	SN04EFH	10:31	10:33	2	1
APH	YJ61JHH	10:37	10:37	0	1
900	BX54XRV	10:42	10:43	0	5
966	VA23MOA	10:42	10:43	4	2
900E	BX54XSJ	10:55	10:55	0	2
777	YN56NNB	11:00	11:05	0	4
900	BX54XSL	11:07	11:08	4	2
966	BU05HFT	11:09	11:09	0	1
966	V62MOA	11:10	11:11	0	2
B90	YN06JFX	11:15	11:30	0	0
900E	BX54XRR	11:22	11:23	0	4
777	SN04EFH	11:32	11:33	0	1
900	BN52OBX	11:41	11:41	0	2
966	VI03MOA	11:43	11:44	0	1
900	BX54XRY	11:58	11:58	0	1
777	YN56NNB	12:01	12:03	0	2
900	BX54XSH	12:12	12:12	2	2
966	BX54XPR	12:14	12:14	1	1
B90	YN06JFX	12:15	12:16	0	0
900E	BX02ATO	12:20	12:20	0	1
777	SN04EFH	12:29	12:34	0	0
900	BX54XJM	12:40	12:42	2	5



SITE: B64

DATE: 26/06/2012

LOCATION: Birmingham International opposite Main Entrance

DAY: Tuesday

SERVICE NO.	REG	ARRIVAL TIME	DEPARTURE OR PASSING TIME	BOARDERS	ALIGHTERS
966	BX54DGF	12:43	12:43	2	2
900E	BX54XSK	12:56	12:56	0	9
777	YN56NNB	12:58	13:04	1	2
966	BX54XPZ	13:14	13:15	3	0
966	BU05HFY	13:15	13:15	0	0
900	BX54XRT	13:26	13:27	3	7
900E	BX54XRO	13:29	13:29	0	0
B90	YN06JFX	13:30	13:45	0	1
777	SN04EFM	13:32	13:33	1	1
966	VA23MOA	13:45	13:46	4	5
900	BX54XRU	13:48	13:49	3	6
777	YN56NNB	13:49	14:04	6	0
900	BX54XJM	14:11	14:11	1	3
996	V62MOA	14:13	14:14	9	0
900B	BX54XSB	14:17	14:18	0	0
777	SN04EFM	14:29	14:33	0	0
900B	BX54XRZ	14:32	14:32	0	3
B90	YN06JFX	14:33	14:45	0	0
900	BX54XRR	14:43	14:43	1	2
966	VI03MOA	14:44	14:45	6	0
900E	BX02ARU	15:00	15:00	0	13
777	YN56NNB	15:00	15:03	1	0
966	BX54XPR	15:14	15:14	11	0
900	BX54URY	15:21	15:21	5	2
777	SN04EFM	15:30	15:30	2	0
B90	YN06JFX	15:31	15:45	0	0
900	BX54XRY	15:32	15:33	0	1
966	BY54DGF	15:45	15:45	0	2
900	BX02ATO	15:48	15:49	1	3
900E	BX54XSL	15:56	15:56	0	0
777	YN56NNB	16:06	16:07	1	3
900	BX54XSK	16:13	16:14	1	1
966	BX54XPZ	16:17	16:18	12	1
777	SN04EFM	16:26	16:29	0	2
B90	YN06JFX	16:30	16:45	0	4
900E	BV53OBT	16:33	16:35	0	8
900	BV53OAC	16:48	16:49	4	4
966	YA23MOA	16:51	16:51	7	2
900E	BX54XRO	16:57	17:00	0	1
777	YN56NNB	17:03	17:04	0	14
900	BX54XSH	17:18	17:19	1	8
966	BU05HFT	17:21	17:22	5	3
966	V62MOA	17:24	17:24	11	3
900	BX54XSJ	17:31	19:31	0	5
B90	YN06JFX	17:31	19:44	0	18
777	SN04EFM	17:31	17:31	1	20
900	BX54XSL	17:48	17:49	6	2
900E	BX54XRR	18:02	18:02	0	5
777	YN56NNB	18:13	18:15	9	2
900	BU52OBT	18:16	18:17	3	1
900E	BX54XRY	18:26	18:26	0	5
966	BX54XPR	18:28	18:28	10	3
B90	YN06JFX	18:29	18:30	0	7
777	SN04EFM	18:30	18:31	0	4
900	BX54XRO	18:43	18:44	3	3
966	BU05HFY	18:50	18:51	3	0
966	BX54DGF	18:51	18:52	1	0
777	YN56NNB	19:01	19:05	0	0
900B	BX54XSB	19:02	19:03	0	2
900	BX54XRR	19:30	19:32	4	2
966	BX54XPZ	19:36	19:37	3	2
900E	BX54XRR	20:11	20:12	0	10
900	BX54XRU	20:32	20:33	2	2



2111 / WEST MIDLANDS HS2  
JUNE 2012  
BUS RELIABILITY SURVEY

SITE: B64

DATE: 26/06/2012

LOCATION: Birmingham International opposite Main Entrance

DAY: Tuesday

SERVICE NO.	REG	ARRIVAL TIME	DEPARTURE OR PASSING TIME	BOARDERS	ALIGHTERS
966	WA15BOV	20:37	20:37	2	4
TOTAL				272	434



2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY

SITE: B65

DATE: 26/06/2012

LOCATION: Private Cars outside main entrance

DAY: Tuesday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
06:21	6VMS	1	06:22	6VMS	0	00:01
06:22	1WMW	1	06:23	1WMW	0	00:01
06:31	1XLP	1	06:32	1XLP	0	00:01
06:33	1ON6	1	06:35	1ON6	0	00:02
06:33	8ORS	1	06:35	8ORS	0	00:02
06:35	9CFM	1	06:35	9CFM	0	00:00
06:40	1SPV	1	06:40	1SPV	0	00:00
06:41	3PSF	1	06:41	3PSF	0	00:00
06:42	3HXN	2	06:42	3HXN	0	00:00
06:49	964N	1	06:50	964N	0	00:01
06:50	5WEU	0	06:50	5WEU	1	00:00
06:51	6ZGT	0	06:51	6ZGT	1	00:00
06:51	1RKV	0	06:51	1RKV	1	00:00
06:51	9YZY	0	06:51	9YZY	1	00:00
06:54	7AKO	1	06:54	7AKO	0	00:00
06:54	4YZE	1	06:57	4YZE	0	00:03
06:54	2ROU	0	06:57	2ROU	0	00:03
06:56	3JFV	1	06:57	3JFV	0	00:01
06:58	9SNJ	1	06:59	9SNJ	0	00:01
06:59	6YSY	1	06:59	6YSY	0	00:00
06:59	0ZTB	1	06:59	0ZTB	0	00:00
07:00	2GZY	0	07:02	2GZY	1	00:02
07:02	5ZRE	1	07:02	5ZRE	0	00:00
07:03	0ACF	1	07:04	0ACF	0	00:01
07:04	6JCM	1	07:04	6JCM	0	00:00
07:06	3ODA	1	07:06	3ODA	0	00:00
07:06	6HNP	1	07:06	6HNP	0	00:00
07:06	1XUR	1	07:06	1XUR	0	00:00
07:08	3CME	1	07:08	3CME	0	00:00
07:10	9EZH	1	07:10	9EZH	0	00:00
07:10	2RUN	1	07:10	2RUN	0	00:00
07:12	8KPX	1	07:13	8KPX	0	00:01
07:14	3GRM	1	07:17	3GRM	0	00:03
07:18	1DND	0	07:19	1DND	1	00:01
07:19	1XBR	1	07:19	1XBR	0	00:00
07:21	4JFK	1	07:21	4JFK	0	00:00
07:24	1BXB	1	07:24	1BXB	0	00:00
07:25	5WEJ	1	07:25	5WEJ	0	00:00
07:26	8FOJ	1	07:26	8FOJ	0	00:00
07:26	0VXX	0	07:26	0VXX	1	00:00
07:21	8JBU	1	07:21	8JBU	0	00:00
07:21	1XBH	1	07:21	1XBH	0	00:00
07:29	7LXY	1	07:29	7LXY	0	00:00
07:30	0VLL	1	07:30	0VLL	0	00:00
07:33	4CVF	1	07:33	4CVF	0	00:00
07:33	7BJY	0	07:35	7BJY	1	00:02
07:34	0OJU	0	07:34	0OJU	1	00:00
07:34	7MRH	1	07:34	7MRH	0	00:00
07:35	2POM	0	07:35	2POM	1	00:00
07:36	8ETH	1	07:36	8ETH	0	00:00
07:36	8V6U	1	07:36	8V6U	0	00:00
07:36	0BDE	1	07:36	0BDE	0	00:00
07:37	8OHF	1	07:37	8OHF	0	00:00
07:37	6LKN	1	07:38	6LKN	0	00:01
07:39	1HPV	1	07:39	1HPV	0	00:00
07:40	6PKE	1	07:41	6PKE	0	00:01
07:40	1ONG	1	07:41	1ONG	0	00:01
07:40	1HRG	0	07:41	1HRG	0	00:01
07:42	3OAO	1	07:42	3OAO	0	00:00
07:42	7EKG	1	07:42	7EKG	0	00:00
07:42	1TTO	1	07:42	1TTO	0	00:00
07:45	7BGY	1	07:46	7BGY	0	00:01
07:45	9OND	1	07:46	9OND	0	00:01



2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY

SITE: B65

DATE: 26/06/2012

LOCATION: Private Cars outside main entrance

DAY: Tuesday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
07:45	2KZR	1	07:46	2KZR	0	00:01
07:46	2EZX	1	07:47	2EZX	0	00:01
07:48	5DNX	1	07:48	5DNX	0	00:00
07:49	5DZB	1	07:49	5DZB	0	00:00
07:49	6UDB	1	07:50	6UDB	0	00:01
07:49	4OOC	1	07:49	4OOC	0	00:00
07:50	5KLV	1	07:50	5KLV	0	00:00
07:52	7UUS	1	07:53	7UUS	0	00:01
07:53	1ZHL	1	07:53	1ZHL	0	00:00
07:53	9BYJ	1	07:53	9BYJ	0	00:00
07:55	1LOK	1	07:55	1LOK	0	00:00
07:55	9GHV	1	07:56	9GHV	0	00:01
07:55	7UOK	1	07:56	7UOK	0	00:01
07:57	8ZRO	1	07:57	8ZRO	0	00:00
07:59	7EEF	1	07:59	7EEF	0	00:00
08:00	8GUW	1	08:00	8GUW	0	00:00
08:03	2TGJ	1	08:03	2TGJ	0	00:00
08:04	3KCY	0	08:06	3KCY	0	00:02
08:06	4KVD	1	08:06	4KVD	0	00:00
08:06	9VUE	1	08:06	9VUE	0	00:00
08:09	5DKO	1	08:09	5DKO	0	00:00
08:09	2MDO	1	08:09	2MDO	0	00:00
08:10	0ETE	1	08:10	0ETE	0	00:00
08:10	1UYO	1	08:10	1UYO	0	00:00
08:12	6FFK	1	08:17	6FFK	0	00:05
08:14	6UVU	1	08:14	6UVU	0	00:00
08:18	4BFL	1	08:18	4BFL	0	00:00
08:18	0VUO	0	08:18	0VUO	0	00:00
08:19	9LBF	1	08:21	9LBF	0	00:02
08:21	0LVT	1	08:21	0LVT	0	00:00
08:21	3EEZ	1	08:22	3EEZ	0	00:01
08:21	2YRM	1	08:21	2YRM	0	00:00
08:21	1UZA	1	08:22	1UZA	0	00:01
08:23	4KKV	1	08:23	4KKV	0	00:00
08:23	2RBX	1	08:23	2RBX	0	00:00
08:23	1CNC	0	08:30	1CNC	0	00:07
08:24	6EAG	1	08:24	6EAG	0	00:00
08:25	7UMM	1	08:25	7UMM	0	00:00
08:25	6RFM	1	08:25	6RFM	0	00:00
08:26	9ZFH	1	08:26	9ZFH	0	00:00
08:27	5EOU	1	08:27	5EOU	0	00:00
08:31	4CWY	0	08:32	4CWY	0	00:01
08:32	3KEM	0	08:39	3KEM	1	00:07
08:35	3HNC	0	08:35	3HNC	1	00:00
08:35	9NGV	0	08:41	9NGV	1	00:06
08:39	8NYS	1	08:39	8NYS	0	00:00
08:43	2UTP	0	08:43	2UTP	1	00:00
08:44	5RJV	1	08:45	5RJV	0	00:01
08:47	8VOP	1	08:48	8VOP	0	00:01
08:48	5MTF	1	08:48	5MTF	0	00:00
08:49	9LEJ	1	08:49	9LEJ	0	00:00
08:50	7ELH	1	08:50	7ELH	0	00:00
08:50	5SOC	0	08:58	5SOC	1	00:08
08:51	2XPX	1	08:51	2XPX	0	00:00
08:51	8FBN	0	08:55	8FBN	1	00:04
08:56	0WND	1	08:56	0WND	0	00:00
08:57	7NTO	0	08:57	7NTO	1	00:00
08:58	9RYV	1	08:58	9RYV	0	00:00
09:01	8UUM	1	09:01	8UUM	0	00:00
09:01	5WMK	1	09:02	5WMK	0	00:01
09:02	CY2B	1	09:02	CY2B	0	00:00
09:02	1SYR	1	09:02	1SYR	0	00:00
09:04	6WNC	1	09:04	6WNC	0	00:00



2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY

SITE: B65

DATE: 26/06/2012

LOCATION: Private Cars outside main entrance

DAY: Tuesday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
09:05	0HGD	1	09:05	0HGD	0	00:00
09:06	0KPP	0	09:07	0KPP	1	00:01
09:07	3EFC	0	09:07	3EFC	1	00:00
09:07	8JYG	1	09:07	8JYG	0	00:00
09:09	2DFK	1	09:10	2DFK	0	00:01
09:09	1ENF	0	09:23	1ENF	1	00:14
09:10	5UHD	1	09:12	5UHD	0	00:02
09:10	2UNF	1	09:11	2UNF	0	00:01
09:11	8ODL	0	09:32	8ODL	0	00:21
09:15	5RVW	1	09:15	5RVW	0	00:00
09:15	1OUX	1	09:17	1OUX	0	00:02
09:16	4WXW	0	09:16	4WXW	1	00:00
09:20	1CVF	1	09:20	1CVF	0	00:00
09:20	3ZXF	1	09:20	3ZXF	0	00:00
09:21	3EFC	1	09:21	3EFC	0	00:00
09:24	4LKV	2	09:24	4LKV	0	00:00
09:25	2SJX	1	09:25	2SJX	0	00:00
09:25	9EZJ	1	09:26	9EZJ	0	00:01
09:27	3LVG	1	09:27	3LVG	0	00:00
09:27	9XVR	1	09:27	9XVR	0	00:00
09:28	OFLJ	0	09:28	OFLJ	0	00:00
09:33	0CFP	0	09:39	0CFP	1	00:06
09:35	5XVP	0	09:38	5XVP	0	00:03
09:36	6AZJ	1	09:37	6AZJ	0	00:01
09:36	1FPZ	1	09:36	1FPZ	0	00:00
09:38	9KWS	0	09:41	9KWS	1	00:03
09:38	9SKK	0	09:38	9SKK	1	00:00
09:41	9KWS	1	09:41	9KWS	0	00:00
09:41	3WVP	1	09:42	3WVP	0	00:01
09:43	6BUG	1	09:43	6BUG	0	00:00
09:43	3ZKF	1	09:43	3ZKF	0	00:00
09:46	0KRO	1	09:46	0KRO	0	00:00
09:46	9340	1	09:46	9340	0	00:00
09:47	2FTD	2	09:53	2FTD	1	00:06
09:50	0LDD	2	09:56	0LDD	0	00:06
09:57	1TCV	0	09:57	1TCV	1	00:00
09:55	3JWP	1	09:58	3JWP	0	00:03
09:59	0KRO	0	09:59	0KRO	2	00:00
09:58	4MOM	1	10:12	4MOM	0	00:14
09:59	4TXF	1	10:15	4TXF	0	00:16
09:12	2XTG	1	10:17	2XTG	0	01:05
09:15	6XTS	1	10:19	6XTS	0	01:04
10:17	9KXF	4	10:23	9KXF	0	00:06
10:19	1HPC	1	10:29	1HPC	0	00:10
10:23	2TJU	1	10:29	2TJU	0	00:06
10:29	5CNO	1	10:30	5CNO	0	00:01
10:29	8PZH	1	10:40	8PZH	0	00:11
10:30	9HMC	1	10:55	9HMC	0	00:25
10:40	5VRE	4	11:02	5VRE	0	00:22
10:55	2OAE	2	11:07	2OAE	0	00:12
11:02	1SFC	1	11:08	1SFC	0	00:06
11:07	2ASU	1	11:08	2ASU	0	00:01
11:08	OUTG	1	11:09	OUTG	0	00:01
11:08	4ECC	1	11:44	4ECC	0	00:36
11:09	6LBH	1	11:23	6LBH	0	00:14
11:11	9DLV	0	11:24	9DLV	1	00:13
11:23	4LHR	2	11:30	4LHR	0	00:07
11:24	5FZU	2	11:31	5FZU	0	00:07
11:30	0YFY	2	11:32	0YFY	0	00:02
11:31	1VUG	1	11:35	1VUG	0	00:04
11:32	6YNM	1	11:37	6YNM	0	00:05
11:35	3AGM	1	11:42	3AGM	0	00:07
11:37	7EGK	1	11:48	7EGK	0	00:11



2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY

SITE: B65

DATE: 26/06/2012

LOCATION: Private Cars outside main entrance

DAY: Tuesday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
11:42	2BYK	2	11:49	2BYK	0	00:07
11:48	9UAD	0	11:50	9UAD	1	00:02
11:49	3JEO	2	11:50	3JEO	0	00:01
11:50	8KNO	2	11:54	8KNO	0	00:04
11:50	8KPV	0	11:55	8KPV	1	00:05
11:54	7VJM	0	12:00	7VJM	1	00:06
11:55	9H DU	2	12:02	9H DU	0	00:07
12:00	4NQZ	2	12:06	4NQZ	1	00:06
12:02	7CYG	0	12:06	7CYG	1	00:04
12:06	L226	1	12:11	L226	1	00:05
12:06	3YHB	0	12:25	3YHB	1	00:19
12:11	5EJG	1	12:25	5EJG	0	00:14
12:25	1DTF	1	12:32	1DTF	0	00:07
12:25	8YBA	1	12:35	8YBA	0	00:10
12:32	5ZRV	1	12:48	5ZRV	0	00:16
12:35	9XAZ	2	12:51	9XAZ	0	00:16
12:48	1SHV	1	12:51	1SHV	0	00:03
12:51	0HNF	1	12:59	0HNF	0	00:08
12:51	2GKP	0	13:00	2GKP	1	00:09
12:59	AR4T	0	13:04	AR4T	1	00:05
13:00	5XER	0	13:27	5XER	1	00:27
13:04	0DST	1	13:08	0DST	0	00:04
13:07	6PGJ	0	13:21	6PGJ	0	00:14
13:08	6KSU	0	13:25	6KSU	1	00:17
13:21	2BNE	0	13:41	2BNE	1	00:20
13:25	8WCZ	1	13:44	8WCZ	0	00:19
13:41	3CVD	0	13:46	3CVD	1	00:05
13:44	0GBE	1	13:47	0GBE	0	00:03
13:46	9EFN	0	13:57	9EFN	1	00:11
13:47	2FFS	0	14:02	2FFS	1	00:15
13:57	2YUH	0	14:03	2YUH	1	00:06
14:02	6ROT	1	14:04	6ROT	0	00:02
14:03	5HSO	1	14:05	5HSO	0	00:02
14:04	6FXF	0	14:26	6FXF	1	00:22
14:05	3XUY	0	14:38	3XUY	1	00:33
14:26	8FYD	1	14:41	8FYD	0	00:15
14:38	6HMJ	2	14:42	6HMJ	0	00:04
14:41	2BTO	1	14:47	2BTO	0	00:06
14:42	7HDY	0	14:54	7HDY	1	00:12
14:47	5CVP	0	15:02	5CVP	2	00:15
14:54	8OML	1	15:02	8OML	0	00:08
15:02	9KRC	0	15:07	9KRC	1	00:05
15:02	1PNY	0	15:17	1PNY	1	00:15
15:07	L226	1	15:21	L226	0	00:14
15:17	0PAM	1	15:26	0PAM	0	00:09
15:21	5AJX	3	15:27	5AJX	0	00:06
15:26	9RUJ	1	15:28	9RUJ	0	00:02
15:27	5KTP	1	15:29	5KTP	0	00:02
15:28	8DLJ	0	15:32	8DLJ	1	00:04
15:29	5XVR	1	15:38	5XVR	0	00:09
15:32	0BZO	1	15:42	0BZO	0	00:10
15:38	0JUY	0	15:47	0JUY	1	00:09
15:42	0JJO	0	15:48	0JJO	1	00:06
15:47	6FVS	3	15:48	6FVS	0	00:01
15:48	1COB	1	15:49	1COB	0	00:01
15:48	3PXJ	1	15:50	3PXJ	0	00:02
15:49	6XRO	1	15:50	6XRO	0	00:01
15:50	1TCV	1	15:53	1TCV	0	00:03
15:50	4YCE	1	15:53	4YCE	0	00:03
15:53	2HMF	1	15:55	2HMF	0	00:02
15:53	5XVR	1	15:56	5XVR	0	00:03
15:55	2HCE	1	15:58	2HCE	0	00:03
15:56	1JKJ	1	16:01	1JKJ	0	00:05



2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY

SITE: B65

DATE: 26/06/2012

LOCATION: Private Cars outside main entrance

DAY: Tuesday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
15:58	5LTV	0	16:03	5LTV	0	00:05
16:01	6EGZ	1	16:03	6EGZ	1	00:02
16:03	1YY	4	16:05	1YY	0	00:02
16:03	2UTP	1	16:06	2UTP	0	00:03
16:05	1VYY	0	16:07	1VYY	1	00:02
16:06	6CXA	1	16:07	6CXA	0	00:01
16:07	2JRV	1	16:08	2JRV	0	00:01
16:07	0JAM	1	16:16	0JAM	0	00:09
16:08	9MPU	0	16:11	9MPU	1	00:03
16:16	8OTN	0	16:16	8OTN	1	00:00
16:11	6LPC	4	16:14	6LPC	0	00:03
16:14	2SSZ	1	16:15	2SSZ	0	00:01
16:14	8NXW	1	16:16	8NXW	0	00:02
16:15	JM77	1	16:21	JM77	0	00:06
16:16	9MDX	1	16:24	9MDX	0	00:08
16:21	9UBP	1	16:24	9UBP	0	00:03
16:24	0PJD	1	16:25	0PJD	0	00:01
16:24	1KCY	1	16:26	1KCY	0	00:02
16:25	1ZCO	1	16:31	1ZCO	0	00:06
16:26	1FWR	1	16:31	1FWR	0	00:05
16:31	9LCC	1	16:32	9LCC	0	00:01
16:31	1NEJ	2	16:32	1NEJ	0	00:01
16:32	9FBX	1	16:33	9FBX	0	00:01
16:32	2BNU	2	16:34	2BNU	0	00:02
16:33	6OJT	0	16:35	6OJT	1	00:02
16:34	2WJE	0	16:35	2WJE	1	00:01
16:35	8FBN	1	16:35	8FBN	0	00:00
16:35	7ADE	1	16:55	7ADE	0	00:20
16:35	26LT	1	16:38	26LT	0	00:03
16:35	1AXT	0	16:38	1AXT	1	00:03
16:38	XUR	0	16:40	XUR	1	00:02
16:38	0ANF	0	16:41	0ANF	1	00:03
16:40	1XUU	1	16:45	1XUU	0	00:05
16:41	8ETH	0	16:46	8ETH	1	00:05
16:45	5VDA	0	16:47	5VDA	1	00:02
16:46	6GMX	1	16:48	6GMX	0	00:02
16:47	4DLZ	2	16:50	4DLZ	0	00:03
16:48	4WKF	1	16:50	4WKF	0	00:02
16:50	8CXS	1	16:50	8CXS	0	00:00
16:50	5UOB	3	16:52	5UOB	0	00:02
16:50	3MNY	0	16:54	3MNY	1	00:04
16:52	6ZYW	1	16:57	6ZYW	0	00:05
16:54	0FPE	0	16:57	0FPE	1	00:03
16:57	6EAG	0	16:59	6EAG	1	00:02
16:57	4WHE	0	17:00	4WHE	1	00:03
16:59	4FDP	1	17:02	4FDP	0	00:03
17:00	2HFV	0	17:07	2HFV	1	00:07
17:02	6PKE	1	17:06	6PKE	0	00:04
17:07	5ESA	0	17:08	5ESA	1	00:01
17:06	2FNG	1	17:11	2FNG	0	00:05
17:08	1CVC	0	17:11	1CVC	1	00:03
17:11	9HNV	0	17:16	9HNV	1	00:05
17:11	7XCD	1	17:17	7XCD	0	00:06
17:16	9BNB	1	17:18	9BNB	0	00:02
17:17	4LHK	0	17:20	4LHK	1	00:03
17:18	7XCD	0	17:20	7XCD	1	00:02
17:20	1SYR	0	17:30	1SYR	1	00:10
17:20	1UWV	1	17:32	1UWV	0	00:12
17:30	0YCD	0	17:37	0YCD	2	00:07
17:32	8ZRO	0	17:40	8ZRO	1	00:08
17:37	4LZN	0	17:41	4LZN	1	00:04
17:40	0JWT	1	17:42	0JWT	0	00:02
17:41	2XCZ	0	17:43	2XCZ	1	00:02



2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY

SITE: B65

DATE: 26/06/2012

LOCATION: Private Cars outside main entrance

DAY: Tuesday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
17:42	OUTD	0	17:44	OUTD	1	00:02
17:43	2YEJ	1	17:46	2YEJ	0	00:03
17:44	6JJU	0	17:47	6JJU	1	00:03
17:46	67YG	0	17:48	67YG	1	00:02
17:47	2XZH	0	17:50	2XZH	1	00:03
17:48	7UHK	0	17:53	7UHK	1	00:05
17:50	8NWN	4	18:00	8NWN	0	00:10
17:53	0OWC	1	17:55	0OWC	0	00:02
17:57	9ENH	0	17:57	9ENH	1	00:00
17:55	1FFE	1	18:02	1FFE	0	00:07
17:57	3CUA	0	18:04	3CUA	1	00:07
18:02	4TCJ	1	18:05	4TCJ	0	00:03
18:04	0NYN	0	18:06	0NYN	1	00:02
18:05	8JHL	0	18:10	8JHL	1	00:05
18:06	2CLO	0	18:12	2CLO	2	00:06
18:10	8AHY	1	18:14	8AHY	0	00:04
18:12	1HTX	2	18:17	1HTX	0	00:05
18:14	9YAA	0	18:19	9YAA	0	00:05
18:17	2WCF	0	18:20	2WCF	1	00:03
18:19	8XBZ	0	18:26	8XBZ	1	00:07
18:20	8PLV	1	18:27	8PLV	0	00:07
18:26	4DDY	1	18:30	4DDY	0	00:04
18:27	0KHL	0	18:31	0KHL	1	00:04
18:30	7YLV	1	18:35	7YLV	0	00:05
18:31	7JFZ	0	18:43	7JFZ	1	00:12
18:35	3DBF	0	18:49	3DBF	2	00:14
18:43	4MJA	0	18:53	4MJA	1	00:10
18:49	8JXX	1	18:54	8JXX	0	00:05
18:53	1XCXM	0	18:54	1XCXM	1	00:01
18:54	4DPU	0	18:57	4DPU	1	00:03
18:54	2VOP	1	19:03	2VOP	0	00:09
18:57	1VJG	0	19:03	1VJG	1	00:06
19:03	7DUC	0	19:05	7DUC	1	00:02
19:03	9NJO	0	19:08	9NJO	1	00:05
19:05	9JHP	0	19:08	9JHP	1	00:03
19:08	6DLN	0	19:09	6DLN	1	00:01
19:08	1VHA	0	19:11	1VHA	1	00:03
19:09	5HMK	0	19:12	5HMK	4	00:03
19:11	1VJE	1	19:12	1VJE	0	00:01
19:12	0TYG	0	19:13	0TYG	1	00:01
19:12	6CBL	1	19:18	6CBL	0	00:06
19:13	7HHB	0	19:20	7HHB	1	00:07
19:18	8HHO	1	19:22	8HHO	0	00:04
19:20	5KVB	0	19:23	5KVB	1	00:03
19:22	2OPX	0	19:23	2OPX	1	00:01
19:23	2VGM	2	19:25	2VGM	0	00:02
19:23	2MVX	0	19:38	2MVX	1	00:15
19:25	6FWP	0	19:42	6FWP	1	00:17
19:38	9YZY	0	19:44	9YZY	1	00:06
19:42	2SKP	0	19:48	2SKP	1	00:06
19:44	4VJM	0	20:00	4VJM	1	00:16
19:48	1EVV	0	20:01	1EVV	3	00:13
20:00	5XES	0	20:08	5XES	1	00:08
20:01	3TAJ	1	20:08	3TAJ	0	00:07
20:08	5FRC	1	20:08	5FRC	0	00:00
20:08	4LCC	1	20:08	4LCC	0	00:00
20:08	2XBS	2	20:11	2XBS	0	00:03
20:08	8GPX	0	20:12	8GPX	1	00:04
20:11	0SRM	1	20:15	0SRM	0	00:04
20:12	1CPX	0	20:17	1CPX	1	00:05
20:15	79OK	0	20:18	79OK	1	00:03
20:17	1USC	0	20:29	1USC	1	00:12
20:18	5WMK	0	20:31	5WMK	1	00:13



SITE: B65

DATE: 26/06/2012

LOCATION: Private Cars outside main entrance

DAY: Tuesday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
20:29	2KWW	0	20:31	2KWW	2	00:02
20:31	1GGN	1	20:34	1GGN	0	00:03
20:31	1PTY	0	20:31	1PTY	1	00:00
20:34	6PKY	0	20:34	6PKY	1	00:00
20:34	6EHG	0	20:34	6EHG	1	00:00
20:46	1CJB	0	20:46	1CJB	1	00:00
20:46	1GYR	0	20:46	1GYR	1	00:00
20:50	3CUD	1	20:50	3CUD	0	00:00
20:54	3ACD	0	20:54	3ACD	1	00:00
TOTAL		294	TOTAL		138	



2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY

SITE: B65A

DATE: 26/06/2012

LOCATION: Private Cars in Bus Stop opposite main entrance

DAY: Tuesday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
06:15	0KWO	1	06:15	0KWO	0	00:00
06:20	9UWR	1	06:20	9UWR	0	00:00
06:32	9HOA	1	06:32	9HOA	0	00:00
06:43	1XRG	1	06:43	1XRG	0	00:00
06:56	4HWZ	2	06:56	4HWZ	0	00:00
06:58	1NKD	1	06:58	1NKD	0	00:00
07:01	0ARU	1	07:01	0ARU	0	00:00
07:01	3PXJ	0	07:01	3PXJ	0	00:00
07:04	9MDU	1	07:04	9MDU	0	00:00
07:04	7ONO	0	07:04	7ONO	0	00:00
07:10	4TTJ	2	07:10	4TTJ	0	00:00
07:16	1BZN	1	07:16	1BZN	0	00:00
07:20	5TZU	1	07:20	5TZU	0	00:00
07:21	1GWV	1	07:21	1GWV	0	00:00
07:22	4DDY	0	07:22	4DDY	0	00:00
07:29	5OSK	1	07:29	5OSK	0	00:00
07:30	8NUY	1	07:30	8NUY	0	00:00
07:31	2KZB	1	07:31	2KZB	0	00:00
07:32	0XVN	1	07:32	0XVN	0	00:00
07:33	0JOL	1	07:33	0JOL	0	00:00
07:34	8KMX	0	07:34	8KMX	0	00:00
07:36	0JUJ	1	07:36	0JUJ	0	00:00
07:37	3KDK	1	07:37	3KDK	0	00:00
07:39	6TOG	1	07:39	6TOG	0	00:00
07:39	9NJO	1	07:39	9NJO	0	00:00
07:40	5XYW	2	07:40	5XYW	0	00:00
07:41	8JHL	1	07:41	8JHL	0	00:00
07:41	7JFZ	1	07:41	7JFZ	0	00:00
07:42	7DGX	1	07:42	7DGX	0	00:00
07:44	8FGM	1	07:44	8FGM	0	00:00
07:45	9XEB	1	07:45	9XEB	0	00:00
07:46	2WEP	1	07:46	2WEP	0	00:00
07:56	0CJZ	1	07:56	0CJZ	0	00:00
07:56	1RPD	2	07:56	1RPD	0	00:00
07:58	1XSK	1	07:58	1XSK	0	00:00
08:01	8NNZ	0	08:01	8NNZ	1	00:00
08:02	8YCX	2	08:02	8YCX	0	00:00
08:10	1LSC	0	08:10	1LSC	1	00:00
08:10	2OPX	1	08:10	2OPX	0	00:00
08:13	6FUA	1	08:13	6FUA	0	00:00
08:14	INWY	0	08:14	INWY	1	00:00
08:19	1HPY	1	08:19	1HPY	0	00:00
08:19	7ADE	0	08:19	7ADE	1	00:00
08:24	9EPA	1	08:24	9EPA	0	00:00
08:24	0ANF	1	08:24	0ANF	0	00:00
08:32	4UKH	1	08:32	4UKH	0	00:00
08:32	4ELW	1	08:32	4ELW	0	00:00
08:33	2XZH	2	08:33	2XZH	0	00:00
08:33	9EHP	1	08:33	9EHP	0	00:00
08:33	1HPY	0	08:33	1HPY	1	00:00
08:42	9ZKG	0	08:42	9ZKG	1	00:00
08:44	0JWT	0	08:44	0JWT	1	00:00
08:53	8LJO	1	08:53	8LJO	0	00:00
08:54	5VDA	1	08:54	5VDA	0	00:00
08:55	8FBN	1	08:55	8FBN	0	00:00
08:56	4CCN	1	08:56	4CCN	0	00:00
08:56	4WHX	1	08:56	4WHX	0	00:00
09:08	7AOX	1	09:08	7AOX	0	00:00
09:15	3UNU	1	09:15	3UNU	0	00:00
09:18	8PLV	0	09:18	8PLV	1	00:00
09:19	0VWC	0	09:19	0VWC	1	00:00
09:40	1TZS	0	09:40	1TZS	1	00:00

SITE: B65A

DATE: 26/06/2012

LOCATION: Private Cars in Bus Stop opposite main entrance

DAY: Tuesday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
09:45	0RZL	1	09:45	0RZL	0	00:00
10:04	0VYR	1	10:04	0VYR	0	00:00
10:40	1TZX	0	10:40	1TZX	1	00:00
11:00	7NBL	1	11:00	7NBL	0	00:00
11:07	4KSJ	1	11:07	4KSJ	0	00:00
11:10	7TVJ	0	11:10	7TVJ	1	00:00
11:20	2CTN	0	11:20	2CTN	1	00:00
11:21	0FUW	1	11:21	0FUW	0	00:00
11:22	1YLF	1	11:22	1YLF	0	00:00
11:27	4FEH	3	11:27	4FEH	0	00:00
11:38	7NWR	2	11:38	7NWR	0	00:00
11:40	8LPR	0	11:40	8LPR	1	00:00
11:42	1KPY	1	11:42	1KPY	0	00:00
11:56	1FRP	0	11:56	1FRP	1	00:00
11:56	4UPX	0	11:56	4UPX	1	00:00
11:57	8JUN	0	11:57	8JUN	2	00:00
11:58	4YWD	0	11:58	4YWD	1	00:00
11:59	1NFT	0	11:59	1NFT	1	00:00
12:10	8WMB	2	12:10	8WMB	0	00:00
12:16	8YOK	1	12:16	8YOK	0	00:00
12:20	1OWE	1	12:20	1OWE	0	00:00
12:22	8ABN	2	12:22	8ABN	0	00:00
12:23	3DRP	0	12:23	3DRP	1	00:00
12:26	1GJG	0	12:26	1GJG	1	00:00
12:26	7NKA	1	12:26	7NKA	0	00:00
12:27	0CFP	1	12:27	0CFP	0	00:00
12:29	1LBR	1	12:29	1LBR	0	00:00
12:37	0OYD	1	12:37	0OYD	0	00:00
12:39	5WVW	1	12:39	5WVW	0	00:00
12:40	7PCO	0	12:40	7PCO	1	00:00
12:49	2EAW	1	12:49	2EAW	0	00:00
12:54	1GTF	0	12:54	1GTF	2	00:00
12:57	70RW	0	12:57	70RW	1	00:00
12:58	1HXN	0	12:58	1HXN	2	00:00
12:58	1XWA	1	12:58	1XWA	0	00:00
13:00	5ORX	1	13:00	5ORX	0	00:00
13:01	1XAH	0	13:01	1XAH	1	00:00
13:05	9XOA	1	13:05	9XOA	0	00:00
13:18	4KVW	2	13:18	4KVW	0	00:00
13:24	4MPT	3	13:24	4MPT	0	00:00
13:32	8NPD	1	13:32	8NPD	0	00:00
13:32	6WHR	1	13:32	6WHR	0	00:00
13:36	4TMJ	1	13:36	4TMJ	0	00:00
13:37	1HRG	0	13:37	1HRG	1	00:00
13:38	8YVS	2	13:38	8YVS	0	00:00
13:40	7WHL	1	13:40	7WHL	0	00:00
13:44	4LOE	0	13:44	4LOE	1	00:00
13:49	8JGH	2	13:49	8JGH	0	00:00
13:52	9ORY	0	13:52	9ORY	2	00:00
13:56	1KSP	0	13:56	1KSP	1	00:00
13:56	9FMK	1	13:56	9FMK	0	00:00
13:58	1ZRG	2	13:58	1ZRG	0	00:00
14:02	9PBV	0	14:02	9PBV	3	00:00
14:04	EM1X	0	14:04	EM1X	2	00:00
14:04	5HSO	1	14:04	5HSO	0	00:00
14:04	2VLH	1	14:04	2VLH	0	00:00
14:05	8JGH	0	14:05	8JGH	1	00:00
14:06	3XUY	0	14:06	3XUY	1	00:00
14:06	2DHK	1	14:06	2DHK	0	00:00
14:06	1TZS	1	14:06	1TZS	0	00:00
14:08	8TOY	1	14:08	8TOY	0	00:00
14:18	2RVK	1	14:18	2RVK	0	00:00



2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY

SITE: B65A

DATE: 26/06/2012

LOCATION: Private Cars in Bus Stop opposite main entrance

DAY: Tuesday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
14:20	1VGF	1	14:20	1VGF	0	00:00
14:25	5UPO	0	14:25	5UPO	1	00:00
14:25	6YSU	1	14:25	6YSU	0	00:00
14:26	9WRW	0	14:26	9WRW	1	00:00
14:27	3ZKF	1	14:27	3ZKF	0	00:00
14:30	1ENF	2	14:30	1ENF	0	00:00
14:34	6WOB	1	14:34	6WOB	0	00:00
14:34	4TXF	1	14:34	4TXF	0	00:00
14:35	1GLF	1	14:35	1GLF	0	00:00
14:41	1GJJ	0	14:41	1GJJ	1	00:00
14:45	0WBW	1	14:45	0WBW	0	00:00
14:45	5OZD	2	14:48	8TWC	1	00:03
14:49	7VJM	1	14:49	7VJM	0	00:00
14:50	2MFB	1	14:50	2MFB	0	00:00
14:52	8AWH	1	14:52	8AWH	0	00:00
14:54	4ATP	1	14:54	4ATP	0	00:00
14:55	0UMZ	2	14:55	0UMZ	0	00:00
15:20	5HSE	0	15:20	5HSE	1	00:00
15:21	7TUJ	0	15:21	7TUJ	1	00:00
15:27	9RUJ	0	15:27	9RUJ	1	00:00
15:30	5XVR	0	15:30	5XVR	1	00:00
15:42	8KZB	0	15:42	8KZB	1	00:00
15:43	9AMK	0	15:43	9AMK	2	00:00
15:50	8HYL	0	15:50	8HYL	1	00:00
15:51	1TCV	1	15:51	1TCV	0	00:00
15:52	4YCE	1	15:52	4YCE	0	00:00
15:55	0ZBO	1	15:55	0ZBO	0	00:00
15:56	2HCE	1	15:56	2HCE	0	00:00
15:57	1KXJ	1	15:57	1KXJ	0	00:00
15:58	5577	0	15:58	5577	1	00:00
15:59	55VP	0	15:59	55VP	2	00:00
16:00	5BNK	1	16:00	5BNK	0	00:00
16:03	8TYO	1	16:03	8TYO	0	00:00
16:03	0FGX	0	16:03	0FGX	1	00:00
16:04	2UTP	1	16:04	2UTP	0	00:00
16:04	1JHY	0	16:04	1JHY	1	00:00
16:05	0MEP	0	16:05	0MEP	1	00:00
16:06	6CXA	1	0.6708	6CXA	0	00:00
16:06	2JRV	1	0.6708	2JRV	0	00:00
16:06	1BXW	0	16:06	1BXW	1	00:00
16:10	4YZE	0	16:10	4YZE	1	00:00
16:13	6LPC	4	0.6757	6LPC	0	00:00
16:14	8XAS	1	0.6764	8XAS	0	00:00
16:15	2SSZ	1	0.6771	2SSZ	0	00:00
16:15	1FPZ	1	16:15	1FPZ	0	00:00
16:15	1FPZ	0	16:15	1FPZ	0	00:00
16:16	8NXW	1	16:16	8NXW	0	00:00
16:17	2SSZ	0	16:17	2SSZ	0	00:00
16:17	0XSH	0	16:17	0XSH	1	00:00
16:18	8OJP	1	16:18	8OJP	0	00:00
16:19	4MDX	1	16:19	4MDX	0	00:00
16:19	6KYU	1	16:19	6KYU	0	00:00
16:20	2YJO	1	16:20	2YJO	0	00:00
16:21	8KCU	0	16:21	8KCU	1	00:00
16:22	6MND	1	16:22	6MND	0	00:00
16:22	2VJV	0	16:22	2VJV	1	00:00
16:25	0PJD	1	16:25	0PJD	0	00:00
16:25	9EZJ	0	16:25	9EZJ	1	00:00
16:26	1NWY	1	16:26	1NWY	0	00:00
16:26	9AJH	0	16:26	9AJH	1	00:00
16:28	1FWR	1	16:28	1FWR	0	00:00
16:28	1UHL	0	16:28	1UHL	1	00:00



2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY

SITE: B65A

DATE: 26/06/2012

LOCATION: Private Cars in Bus Stop opposite main entrance

DAY: Tuesday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
16:30	4AOA	0	16:30	4AOA	1	00:00
16:31	9LCC	1	16:31	9LCC	0	00:00
16:32	9FBX	1	16:32	9FBX	0	00:00
16:34	2WJE	0	16:34	2WJE	1	00:00
16:35	7ADE	1	16:35	7ADE	0	00:00
16:35	8TFO	1	16:35	8TFO	0	00:00
16:35	5UBZ	0	16:35	5UBZ	1	00:00
16:37	1RKV	0	16:37	1RKV	1	00:00
16:38	8YXE	0	16:38	8YXE	1	00:00
16:40	1XUR	0	16:40	1XUR	1	00:00
16:40	8LJO	0	16:40	8LJO	1	00:00
16:41	1XUU	1	16:41	1XUU	0	00:00
16:43	8ETH	0	16:43	8ETH	1	00:00
16:43	1WHS	0	16:43	1WHS	1	00:00
16:45	1YKP	0	16:45	1YKP	1	00:00
16:47	6GMX	1	16:47	6GMX	0	00:00
16:49	7UXR	1	16:49	7UXR	0	00:00
16:50	4WKF	1	16:50	4WKF	0	00:00
16:52	0FDE	1	16:52	0FDE	0	00:00
16:52	5UOB	1	16:52	5UOB	0	00:00
16:52	2NMY	0	16:52	2NMY	1	00:00
16:53	6ZYW	1	16:53	6ZYW	0	00:00
16:53	2KZR	1	16:53	2KZR	0	00:00
16:55	7AOL	0	16:55	7AOL	1	00:00
16:58	6EAG	0	16:58	6EAG	1	00:00
16:59	1LGD	0	16:59	1LGD	2	00:00
17:00	2VGN	2	17:00	2VGN	0	00:00
17:03	6PKE	1	17:03	6PKE	0	00:00
17:03	9KWS	0	17:03	9KWS	1	00:00
17:03	9NZD	0	17:03	9NZD	2	00:00
17:06	2FNG	1	17:06	2FNG	0	00:00
17:08	1TNE	2	17:08	1TNE	0	00:00
17:09	1CVC	0	17:09	1CVC	1	00:00
17:09	2RRO	0	17:09	2RRO	1	00:00
17:10	2AOY	0	17:10	2AOY	1	00:00
17:12	7XCD	1	17:12	7XCD	0	00:00
17:15	0KLM	0	17:15	0KLM	2	00:00
17:16	4LHK	0	17:16	4LHK	1	00:00
17:17	7DGX	0	17:17	7DGX	1	00:00
17:18	7XCD	0	17:18	7XCD	1	00:00
17:20	8199	2	17:20	8199	0	00:00
17:20	0KLA	2	17:20	0KLA	0	00:00
17:20	0HWJ	1	17:20	0HWJ	0	00:00
17:20	8XSX	1	17:20	8XSX	0	00:00
17:20	1SYR	0	17:20	1SYR	1	00:00
17:21	5WHE	1	17:21	5WHE	0	00:00
17:21	1UWV	1	17:21	1UWV	0	00:00
17:21	1EYZ	0	17:21	1EYZ	1	00:00
17:21	6XEU	0	17:21	6XEU	3	00:00
17:25	0ADO	0	17:25	0ADO	1	00:00
17:30	6UPZ	1	17:30	6UPZ	0	00:00
17:31	4EYM	1	17:31	4EYM	0	00:00
17:32	1CWV	2	17:32	1CWV	0	00:00
17:36	0USF	0	17:36	0USF	1	00:00
17:38	1LOK	0	17:38	1LOK	1	00:00
17:38	0UVO	0	17:38	0UVO	1	00:00
17:39	1ZZJ	0	17:39	1ZZJ	1	00:00
17:40	0JWT	1	17:40	0JWT	0	00:00
17:41	5UOB	2	17:41	5UOB	0	00:00
17:43	9LSF	1	17:43	9LSF	0	00:00
17:44	2YEJ	1	17:44	2YEJ	0	00:00
17:44	9GCW	0	17:44	9GCW	1	00:00



2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY

SITE: B65A

DATE: 26/06/2012

LOCATION: Private Cars in Bus Stop opposite main entrance

DAY: Tuesday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
17:46	9RYV	0	17:46	9RYV	1	00:00
17:47	67YG	0	17:47	67YG	1	00:00
17:48	2YJT	0	17:48	2YJT	1	00:00
17:48	2BOR	0	17:48	2BOR	1	00:00
17:48	3MVW	0	17:48	3MVW	1	00:00
17:50	7UHK	0	17:50	7UHK	1	00:00
17:50	6XBF	0	17:50	6XBF	1	00:00
17:53	2VLP	0	17:53	2VLP	2	00:00
17:53	6HZC	0	17:53	6HZC	1	00:00
17:54	0VWC	1	17:54	0VWC	0	00:00
17:54	3MZX	0	17:54	3MZX	1	00:00
17:55	0PBX	0	17:55	0PBX	2	00:00
17:57	5FVP	1	17:57	5FVP	0	00:00
17:59	3CUA	0	17:59	3CUA	1	00:00
17:59	7AKO	0	17:59	7AKO	1	00:00
18:00	2RBX	0	18:00	2RBX	1	00:00
18:03	4TCJ	1	18:03	4TCJ	0	00:00
18:03	9DLV	1	18:03	9DLV	0	00:00
18:04	6NYN	1	18:04	6NYN	0	00:00
18:05	8JHL	0	18:05	8JHL	1	00:00
18:05	7BGY	0	18:16	7BGY	1	00:11
18:06	2EZX	0	18:06	2EZX	1	00:00
18:10	1SYP	0	18:10	1SYP	1	00:00
18:11	8AHY	1	18:11	8AHY	0	00:00
18:11	7MRH	0	18:11	7MRH	1	00:00
18:12	1ONG	0	18:17	1ONG	1	00:05
18:20	8PLV	1	18:20	8PLV	0	00:00
18:25	8GUW	0	18:25	8GUW	1	00:00
18:26	2LDL	0	18:26	2LDL	1	00:00
18:26	4YWD	0	18:26	4YWD	1	00:00
18:27	2NPU	1	18:27	2NPU	0	00:00
18:29	1EDP	0	18:37	1EDP	1	00:08
18:29	1ZJX	0	18:38	ZJX	2	00:09
18:30	1KRN	1	18:30	1KRN	0	00:00
18:30	1URG	0	18:33	1URG	0	00:03
18:31	1AFA	1	18:33	1AFA	0	00:02
18:31	0XVN	0	18:36	0XVN	1	00:05
18:35	5HKG	1	18:35	5HKG	0	00:00
18:36	9YVE	1	18:36	9YVE	0	00:00
18:41	2GJV	1	18:41	2GJV	0	00:00
18:42	0PDW	2	18:42	0PDW	0	00:00
18:43	2MDO	0	18:43	2MDO	1	00:00
18:44	9LDX	0	18:48	9LDX	1	00:04
18:44	8NSU	0	18:52	8NSU	1	00:08
18:47	2LPA	0	18:50	2LPA	1	00:03
18:47	2DFK	0	18:50	2DFK	1	00:03
18:54	9VUE	1	18:56	6CXA	1	00:02
18:55	4DJR	0	18:59	4DJR	2	00:04
18:55	1HPV	0	19:04	1HPV	1	00:09
18:55	2KRO	0	18:59	2KRO	2	00:04
18:57	2TVV	1	18:57	2TVV	0	00:00
19:05	1HZW	2	19:05	1HZW	0	00:00
19:06	4XMC	2	19:06	4XMC	0	00:00
19:08	7HHB	0	19:12	7HHB	0	00:04
19:09	5XZU	0	19:13	5XZU	1	00:04
19:11	6XLO	1	19:11	6XLO	0	00:00
19:15	1MFC	1	19:15	1MFC	0	00:00
19:15	4BOE	0	19:19	4BOE	1	00:04
19:21	4XUR	1	19:21	2VHH	1	00:00
19:21	2MVX	0	19:24	2MVX	1	00:03
19:25	1RHN	2	19:26	1RHN	0	00:01
19:26	4CNO	0	19:26	4CNO	1	00:00

SITE: B65A

DATE: 26/06/2012

LOCATION: Private Cars in Bus Stop opposite main entrance

DAY: Tuesday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
19:30	5FJF	0	19:32	5FJF	0	00:02
19:35	0BYJ	0	19:42	0BYJ	1	00:07
19:38	7ZHL	1	19:40	7ZHL	0	00:02
19:42	0CLX	1	19:42	0CLX	0	00:00
19:43	2SKP	1	19:43	2SKP	0	00:00
19:45	0AOG	1	19:45	0AOG	0	00:00
19:46	8EXH	1	19:46	8EXH	0	00:00
19:47	7WUR	0	19:52	7WUR	1	00:05
19:55	2LPA	0	19:58	2LPA	1	00:03
20:00	7AVF	0	20:03	7AVF	1	00:03
20:06	3NAT	0	20:20	3NAT	0	00:14
20:06	8XAZ	0	20:20	8XAZ	1	00:14
20:08	5FRC	1	20:08	5FRC	0	00:00
20:08	1NBA	1	20:08	1NBA	0	00:00
20:17	1JXZ	0	20:22	1JXZ	1	00:05
20:21	7USS	1	20:21	5JNF	1	00:00
20:22	8EYL	0	20:30	8EYL	0	00:08
20:26	9CZY	0	20:26	9CZY	1	00:00
20:30	0ETE	0	20:30	0ETE	1	00:00
20:32	1YKT	1	20:32	1YKT	0	00:00
20:32	1PTY	0	20:32	1PTY	1	00:00
20:33	7XEX	0	20:33	7XEX	1	00:00
20:35	5WWN	0	20:35	5WWN	1	00:00
20:36	8FGM	0	20:36	8FGM	1	00:00
20:39	5HMK	0	20:39	5HMK	1	00:00
20:39	0WXX	0	20:58	0WXX	2	00:19
20:42	7JXV	0	20:48	7JXV	2	00:06
20:43	1SWP	0	20:43	1SWP	1	00:00
20:44	3NXJ	0	20:44	3NXJ	1	00:00
20:45	1LNN	0	20:45	1LNN	1	00:00
20:50	5GSV	0	20:54	5GSV	1	00:04
20:51	3CVD	1	20:51	3CVD	0	00:00
TOTAL		218	TOTAL		171	



2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY

SITE: B65b

DATE: 01/06/2012

LOCATION: Drop Off & Pick up in Short Stay Car Park

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
06:18	7JFB	1	06:33	7JFB	0	00:15
06:33	1HWO	0	06:56	1HWO	1	00:23
06:42	5WHE	1	06:48	5WHE	0	00:06
06:43	8EHR	0	06:51	8EHR	0	00:08
06:46	0FMF	1	06:59	0FMF	0	00:13
06:53	4DJR	0	06:58	4DJR	0	00:05
06:56	6VWY	1	06:56	6VWY	0	00:00
06:58	0APW	0	07:01	0APW	0	00:03
07:02	2RUW	0	07:10	2RUW	0	00:08
07:10	6DET	3	07:59	6DET	0	00:49
07:11	536X	0	07:20	536X	0	00:09
07:15	6TKX	1	07:35	6TKX	0	00:20
07:15	0REO	1	07:16	0REO	0	00:01
07:17	7OCJ	0	07:22	7OCJ	0	00:05
07:18	1ORC	0	12:15	1ORC	0	04:57
07:22	1WHS	0	07:45	1WHS	0	00:23
07:22	7EAY	0	07:34	7EAY	0	00:12
07:23	1FGH	0	07:39	1FGH	0	00:16
07:24	0SYE	0	08:00	0SYE	0	00:36
07:25	0AYM	0	07:44	0AYM	0	00:19
07:27	0FZV	0	07:32	0FZV	0	00:05
07:28	7JSV	0	07:50	7JSV	0	00:22
07:29	3UJU	0	08:04	3UJU	1	00:35
07:31	2HWG	0	07:41	2HWG	0	00:10
07:32	1BXB	0	07:33	1BXB	0	00:01
07:32	8AWY	0	07:39	8AWY	0	00:07
07:32	7JSV	0	07:33	7JSV	0	00:01
07:35	0GHA	0	07:50	0GHA	0	00:15
07:41	6VJG	0	07:46	6VJG	0	00:05
07:43	4HJY	0	07:57	4HJY	0	00:14
07:44	0NDX	0	08:00	0NDX	1	00:16
07:47	8EHR	0	07:51	8EHR	0	00:04
07:48	7HXV	0	08:08	7HXV	0	00:20
07:49	6CLZ	0	07:54	6CLZ	0	00:05
07:50	6GHU	0	07:59	6GHU	0	00:09
07:50	8ZXX	0	07:59	8ZXX	0	00:09
07:51	6CWN	0	08:00	6CWN	0	00:09
07:51	9ZAG	0	08:35	9ZAG	0	00:44
07:53	8AXA	0	08:16	8AXA	0	00:23
07:55	5DKO	0	08:08	5DKO	0	00:13
07:55	2ROD	0	08:01	2ROD	0	00:06
07:56	1RPD	0	08:10	1RPD	0	00:14
07:57	1URA	0	08:22	1URA	0	00:25
08:00	6WCX	0	08:45	6WCX	0	00:45
08:03	2JJO	0	08:13	2JJO	0	00:10
08:05	8JVV	0	08:15	8JVV	0	00:10
08:07	4GKG	0	08:15	4GKG	0	00:08
08:07	2VOD	0	08:44	2VOD	1	00:37
08:08	1MWL	1	08:40	1MWL	0	00:32
08:10	7LSZ	0	08:40	7LSZ	0	00:30
08:13	1FMP	0	08:15	1FMP	0	00:02
08:14	45AG	0	08:24	45AG	1	00:10
08:16	2WKF	0	08:36	2WKF	0	00:20
08:17	6WWM	0	09:02	6WWM	0	00:45
08:17	8EHZ	0	08:40	8EHZ	0	00:23
08:17	6LHV	0	08:22	6LHV	0	00:05
08:20	4URB	0	08:50	4URB	0	00:30
08:25	4CPE	0	08:52	4CPE	0	00:27
08:30	6GSU	0	08:48	6GSU	0	00:18
08:30	45DD	1	08:57	45DD	0	00:27
08:32	0EUN	0	08:35	0EUN	0	00:03
08:32	1HYG	0	08:57	1HYG	2	00:25
08:33	0XNG	0	09:01	0XNG	0	00:28





2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY

SITE: B65b

DATE: 01/06/2012

LOCATION: Drop Off & Pick up in Short Stay Car Park

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
08:34	2YRM	0	08:42	2YRM	1	00:08
08:35	9CZU	1	09:42	9CZU	0	01:07
08:39	6JNS	0	09:47	6JNS	1	01:08
08:42	1AVU	0	09:00	1AVU	1	00:18
08:46	1DCV	0	09:19	1DCV	0	00:33
08:46	1HKH	0	09:12	1HKH	0	00:26
08:46	7NTO	0	08:56	7NTO	0	00:10
08:47	5SOC	0	08:49	5SOC	2	00:02
08:49	3EFC	0	08:50	3EFC	0	00:01
08:50	2YJ	0	09:00	2YJ	0	00:10
08:57	6BKV	0	09:34	6BKV	0	00:37
09:02	0NJR	0	09:22	0NJR	0	00:20
09:03	7CXM	1	09:13	7CXM	0	00:10
09:05	3ZKF	0	09:20	3ZKF	0	00:15
09:14	8DYU	0	09:28	8DYU	0	00:14
09:16	9YZU	0	09:23	9YZU	0	00:07
09:20	3MUN	0	10:25	3MUN	0	01:05
09:23	7JJV	0	09:38	7JJV	0	00:15
09:30	9RVV	0	09:40	9RVV	0	00:10
09:30	3RBK	0	09:36	3RBK	0	00:06
09:30	5XVR	0	09:33	5XVR	0	00:03
09:30	1MYT	0	09:47	1MYT	0	00:17
09:32	9DOB	0	09:42	9DOB	0	00:10
09:34	1DDU	0	09:45	1DDU	1	00:11
09:35	3ZKF	0	10:46	3ZKF	0	01:11
09:36	9SKK	0	10:00	9SKK	0	00:24
09:37	5OYA	0	16:01	5OYA	0	06:24
09:38	5ONS	0	10:01	5ONS	0	00:23
09:42	2ROD	0	10:20	2ROD	0	00:38
09:43	1RSX	0	10:13	1RSX	0	00:30
09:44	1SCM	0	10:11	1SCM	1	00:27
09:45	OKLX	0	10:12	OKLX	0	00:27
09:47	1RSX	0	09:49	1RSX	0	00:02
09:48	OKLA	0	11:49	OKLA	2	02:01
09:49	5HTE	1	11:05	5HTE	0	01:16
09:50	2AMR	0	10:05	2AMR	2	00:15
09:56	7ZJK	0	10:33	7ZJK	0	00:37
09:57	6XTC	0	10:11	6XTC	0	00:14
10:01	0BNE	0	10:18	0BNE	0	00:17
10:01	1TWA	0	10:15	1TWA	1	00:14
10:02	2LWT	0	10:21	2LWT	1	00:19
10:02	8VFM	0	10:07	8VFM	1	00:05
10:03	0VYR	0	10:33	0VYR	0	00:30
10:07	8912	0	10:41	8912	0	00:34
10:09	3TCR	0	10:18	3TCR	0	00:09
10:10	2ZMY	0	10:40	2ZMY	0	00:30
10:11	5DLZ	4	10:19	5DLZ	0	00:08
10:11	7GZS	0	10:48	7GZS	1	00:37
10:12	2ZTB	0	10:49	2ZTB	1	00:37
10:13	5VRE	0	10:48	5VRE	0	00:35
10:14	6ULC	0	10:29	6ULC	0	00:15
10:16	7JJV	0	10:37	7JJV	0	00:21
10:16	1TGR	0	10:23	1TGR	0	00:07
10:23	1GLW	0	10:23	1GLW	0	00:00
10:23	0YLK	1	10:44	0YLK	0	00:21
10:24	1GYP	0	10:25	1GYP	1	00:01
10:26	7KAA	0	10:30	7KAA	0	00:04
10:26	8UGE	0	10:50	8UGE	2	00:24
10:29	1XMT	1	10:42	1XMT	0	00:13
10:37	7ZNP	1	10:45	7ZNP	0	00:08
10:38	0NJB	0	11:01	0NJB	1	00:23
10:38	1WUC	0	11:05	1WUC	0	00:27
10:57	9HHJ	1	11:13	9HHJ	0	00:16



2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY

SITE: B65b

DATE: 01/06/2012

LOCATION: Drop Off & Pick up in Short Stay Car Park

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
10:59	1HYX	1	11:12	1HYX	0	00:13
11:02	7NBC	0	11:10	7NBC	0	00:08
11:05	6FFW	0	11:13	6FFW	0	00:08
11:06	9HNK	0	11:08	9HNK	0	00:02
11:07	1CCE	0	11:19	1CCE	0	00:12
11:12	0WLE	0	11:17	0WLE	1	00:05
11:13	5BYV	0	11:19	5BYV	0	00:06
11:13	4DZU	1	11:27	4DZU	0	00:14
11:13	1HBC	1	11:26	1HBC	0	00:13
11:18	7MXP	0	11:47	7MXP	1	00:29
11:18	1NFT	0	11:37	1NFT	0	00:19
11:21	7YCT	1	11:38	7YCT	0	00:17
11:22	4URB	0	11:44	4URB	0	00:22
11:22	3GMO	0	11:45	3GMO	0	00:23
11:24	0YPU	0	11:28	0YPU	0	00:04
11:24	8ZXW	0	11:25	8ZXW	0	00:01
11:25	5ELN	0	11:28	5ELN	0	00:03
11:27	0EFJ	0	11:39	0EFJ	1	00:12
11:28	4FEH	0	12:10	4FEH	0	00:42
11:29	7CYG	1	12:02	7CYG	0	00:33
11:29	2CTN	0	11:35	2CTN	2	00:06
11:30	8AEW	0	11:42	8AEW	0	00:12
11:31	6BEE	1	11:55	6BEE	0	00:24
11:31	1GZB	0	11:40	1GZB	2	00:09
11:33	0FZC	0	12:04	0FZC	0	00:31
11:33	2RZT	0	11:55	2RZT	0	00:22
11:33	8WKB	0	11:56	8WKB	0	00:23
11:38	4EHF	0	11:59	4EHF	0	00:21
11:39	5TYO	0	12:04	5TYO	0	00:25
11:42	9UXN	2	11:58	9UXN	0	00:16
11:43	7VJM	0	11:53	7VJM	0	00:10
11:43	4EHG	0	12:04	4EHG	0	00:21
11:46	7UKG	2	12:13	7UKG	0	00:27
11:48	0YXE	0	11:53	0YXE	0	00:05
11:50	0FYV	0	12:14	0FYV	0	00:24
11:50	8MAH	0	11:53	8MAH	0	00:03
11:52	1VHF	0	12:11	1VHF	0	00:19
11:56	2JJO	0	12:06	2JJO	0	00:10
11:59	1ZLX	0	12:12	1ZLX	1	00:13
12:01	8UBC	0	12:08	8UBC	0	00:07
12:03	1ODM	0	12:59	1ODM	0	00:56
12:07	0FET	0	12:16	0FET	0	00:09
12:08	7THX	0	12:32	7THX	0	00:24
12:09	9CGY	0	12:20	9CGY	0	00:11
12:10	0UNV	0	12:27	0UNV	0	00:17
12:14	5LVE	0	12:18	5LVE	0	00:04
12:15	3HPC	0	12:42	3HPC	0	00:27
12:15	87BJ	0	13:00	87BJ	0	00:45
12:17	1LVE	0	12:26	1LVE	0	00:09
12:18	5DVT	0	12:36	5DVT	0	00:18
12:21	2WTX	0	12:33	2WTX	0	00:12
12:21	9LFH	0	12:47	9LFH	0	00:26
12:22	7AZN	0	12:27	7AZN	0	00:05
12:23	9KMH	0	12:40	9KMH	0	00:17
12:25	2PXR	1	12:52	2PXR	0	00:27
12:30	5ZKV	0	12:49	5ZKV	0	00:19
12:38	8VGA	0	12:42	8VGA	1	00:04
12:40	5FVE	0	12:53	5FVE	0	00:13
12:41	5VWL	0	12:50	5VWL	0	00:09
12:41	2MTX	0	14:13	2MTX	2	01:32
12:42	6RCY	0	12:50	6RCY	0	00:08
12:45	3YFW	0	13:00	3YFW	0	00:15
12:45	8WKB	0	12:52	8WKB	0	00:07



2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY

SITE: B65b

DATE: 01/06/2012

LOCATION: Drop Off & Pick up in Short Stay Car Park

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
12:47	6LPC	0	12:59	6LPC	0	00:12
12:50	7WWC	0	13:25	7WWC	1	00:35
12:55	5MFZ	0	13:04	5MFZ	0	00:09
12:55	6RFS	0	13:00	6RFS	0	00:05
12:55	4JJY	0	13:16	4JJY	0	00:21
12:56	7VRX	0	12:58	7VRX	0	00:02
12:57	1FRP	0	13:27	1FRP	1	00:30
12:58	1EPD	0	13:20	1EPD	0	00:22
13:05	9TNS	0	13:19	9TNS	0	00:14
13:07	1EXG	0	13:51	1EXG	1	00:44
13:07	4BOC	0	13:26	4BOC	0	00:19
13:10	H47L	0	13:30	H47L	1	00:20
13:11	0PKO	0	13:50	0PKO	0	00:39
13:12	7WBU	0	14:20	7WBU	0	01:08
13:12	8ETT	0	13:26	8ETT	0	00:14
13:14	8XUT	0	13:27	8XUT	0	00:13
13:16	4URB	0	13:31	4URB	0	00:15
13:17	3TNS	0	13:40	3TNS	0	00:23
13:17	4FNS	0	13:28	4FNS	0	00:11
13:18	8LRK	0	13:52	8LRK	0	00:34
13:19	0WWN	0	13:46	0WWN	0	00:27
13:20	9OBB	0	13:51	9OBB	0	00:31
13:20	0YPF	0	13:37	0YPF	0	00:17
13:23	8KZB	0	13:56	8KZB	1	00:33
13:28	5XVR	0	13:54	5XVR	0	00:26
13:30	9ORY	0	13:36	9ORY	1	00:06
13:32	8RSX	0	13:42	8RSX	0	00:10
13:33	6LUW	0	13:46	6LUW	0	00:13
13:33	1OOB	0	13:34	1OOB	1	00:01
13:38	0GBO	0	14:02	0GBO	0	00:24
13:39	4UTY	0	14:01	4UTY	0	00:22
13:40	4AOC	0	13:51	4AOC	0	00:11
13:40	0DXM	0	13:56	0DXM	1	00:16
13:47	1AJA	0	14:07	1AJA	0	00:20
13:50	8UUO	0	13:52	8UUO	0	00:02
13:50	8JGH	0	14:04	8JGH	0	00:14
13:52	8TOY	0	14:06	8TOY	0	00:14
13:55	2POV	0	14:08	2POV	0	00:13
13:57	4DBO	0	13:58	4DBO	1	00:01
13:57	6ROT	0	14:02	6ROT	0	00:05
13:58	9RUA	0	14:06	9RUA	2	00:08
13:58	2YHC	0	13:58	2YHC	1	00:00
13:59	5DRC	0	14:12	5DRC	0	00:13
14:01	0ORC	0	16:00	0ORC	1	01:59
14:06	2CNZ	0	14:19	2CNZ	0	00:13
14:06	2VZR	0	14:15	2VZR	0	00:09
14:11	8RCU	0	14:23	8RCU	0	00:12
14:12	5UPO	0	14:18	5UPO	0	00:06
14:17	1GYP	0	14:26	1GYP	0	00:09
14:20	4GNY	0	14:40	4GNY	0	00:20
14:24	8THX	0	14:51	8THX	0	00:27
14:31	2YMC	1	14:38	2YMC	0	00:07
14:31	7WTZ	0	14:40	7WTZ	1	00:09
14:34	9YOG	0	14:42	9YOG	0	00:08
14:35	3YBU	0	15:27	3YBU	0	00:52
14:38	7DHX	11	14:42	7DHX	0	00:04
14:40	3EKH	0	15:00	3EKH	1	00:20
14:50	4JJX	1	15:01	4JJX	0	00:11
14:53	1ZWZ	0	15:00	1ZWZ	0	00:07
14:55	0HJC	0	14:58	0HJC	0	00:03
14:56	9JDW	0	15:06	9JDW	0	00:10
14:57	NTC	0	15:20	NTC	0	00:23
14:58	5KRC	0	15:01	5KRC	0	00:03



2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY

SITE: B65b

DATE: 01/06/2012

LOCATION: Drop Off & Pick up in Short Stay Car Park

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
14:59	4LSZ	0	15:06	4LSZ	0	00:07
10:02	8EFK	0	15:09	8EFK	1	05:07
10:03	2POM	0	15:17	2POM	0	05:14
10:11	7CXM	0	15:25	7CXM	0	05:14
10:12	7XXH	0	15:23	7XXH	0	05:11
10:12	6NR	0	15:30	6NR	0	05:18
10:14	1MYT	0	15:27	1MYT	0	05:13
10:14	6BWH	0	15:27	6BWH	0	05:13
10:14	1ZNG	0	15:21	1ZNG	0	05:07
10:15	0PAM	0	15:27	0PAM	0	05:12
10:15	7MUD	0	15:18	7MUD	0	05:03
15:16	8DLH	0	15:25	8DLH	0	00:09
15:20	5577	0	15:40	5577	0	00:20
15:20	6YXS	0	15:45	6YXS	0	00:25
15:21	5KTP	0	15:27	5KTP	0	00:06
15:21	1OPK	0	15:41	1OPK	0	00:20
15:22	9KMH	0	15:50	9KMH	0	00:28
15:29	2WCA	0	15:50	2WCA	0	00:21
15:32	0FYS	0	15:39	0FYS	0	00:07
15:33	5SVP	0	15:58	5SVP	0	00:25
15:35	0NEF	0	15:58	0NEF	0	00:23
15:35	2NJE	0	16:15	2NJE	1	00:40
15:35	8NWE	0	16:21	8NWE	0	00:46
15:36	8OKZ	0	15:50	8OKZ	0	00:14
15:36	9YUX	0	15:52	9YUX	0	00:16
15:40	4YWG	0	15:46	4YWG	0	00:06
15:47	2XXR	0	16:06	2XXR	1	00:19
15:48	5BOP	0	16:07	5BOP	0	00:19
15:48	2ZTB	0	15:59	2ZTB	0	00:11
15:48	HCOB	0	16:02	HCOB	0	00:14
15:50	1WJT	0	15:51	1WJT	0	00:01
15:52	9ZTN	0	15:52	9ZTN	0	00:00
15:55	6BGE	0	16:01	6BGE	0	00:06
15:56	DGWG	0	16:06	DGWG	1	00:10
15:50	7KKH	0	16:07	7KKH	0	00:17
15:55	5KGN	0	16:37	5KGN	0	00:42
15:56	6WXC	0	16:18	6WXC	0	00:22
16:03	7HGU	1	16:15	7HGU	0	00:12
16:05	3AJH	0	16:18	3AJH	1	00:13
16:05	4AOA	0	16:23	4AOA	0	00:18
16:09	2OLB	0	16:21	2OLB	0	00:12
16:10	3CTZ	0	16:11	3CTZ	0	00:01
16:11	8KNX	1	16:15	8KNX	0	00:04
16:12	2NJE	0	16:15	2NJE	0	00:03
16:14	1PVO	0	16:27	1PVO	0	00:13
16:14	2VJV	0	16:19	2VJV	0	00:05
16:16	9OBU	0	16:28	9OBU	1	00:12
16:16	2FCJ	0	16:28	2FCJ	0	00:12
16:18	0SNY	0	16:28	0SNY	0	00:10
16:18	6WWA	0	16:25	6WWA	0	00:07
16:22	2TFE	0	16:33	2TFE	2	00:11
16:24	8WTC	0	16:50	8WTC	0	00:26
16:24	2FFD	0	16:47	2FFD	1	00:23
16:26	1YYD	0	16:40	1YYD	0	00:14
16:28	8ZNJ	0	16:58	8ZNJ	0	00:30
16:30	0ECG	0	16:35	0ECG	0	00:05
16:30	2UCE	0	16:41	2UCE	1	00:11
16:30	3MWE	0	16:52	3MWE	0	00:22
16:34	5ADY	1	16:48	5ADY	0	00:14
16:39	3MWX	0	16:59	3MWX	0	00:20
16:39	8ZNT	0	16:39	8ZNT	1	00:00
16:41	5AHN	0	16:53	5AHN	0	00:12
16:41	3OGR	0	16:59	3OGR	1	00:18



2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY

SITE: B65b

DATE: 01/06/2012

LOCATION: Drop Off & Pick up in Short Stay Car Park

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
16:42	5VDA	0	16:43	5VDA	0	00:01
16:42	2CYA	0	16:50	2CYA	0	00:08
16:43	3KZJ	0	17:01	3KZJ	1	00:18
16:43	8NTC	0	16:44	8NTC	0	00:01
16:44	3VXY	0	16:45	3VXY	0	00:01
16:45	1CZO	0	16:56	1CZO	1	00:11
16:47	8YCX	0	16:47	8YCX	1	00:00
16:48	6GMX	0	16:54	6GMX	2	00:06
16:50	2HVC	0	17:02	2HVC	1	00:12
16:50	8GZO	0	16:58	8GZO	0	00:08
16:51	9OUW	0	17:18	9OUW	1	00:27
16:51	7UPO	0	16:57	7UPO	0	00:06
16:53	6VNM	0	16:57	6VNM	1	00:04
16:53	9UWL	0	17:10	9UWL	0	00:17
16:55	6EAG	0	17:15	6EAG	0	00:20
16:55	9GME	1	17:12	9GME	0	00:17
16:55	1NKY	0	17:15	1NKY	0	00:20
16:55	1MWL	0	17:49	1MWL	0	00:54
17:00	1JXX	0	17:16	1JXX	0	00:16
17:00	2HXW	0	17:05	2HXW	0	00:05
17:01	2HFV	0	17:09	2HFV	0	00:08
17:04	1ZLX	0	17:25	1ZLX	1	00:21
17:04	5HEY	0	17:14	5HEY	0	00:10
17:04	3YLL	0	18:04	3YLL	0	01:00
17:04	1TXJ	0	17:07	1TXJ	1	00:03
17:09	6XHK	0	18:05	6XHK	0	00:56
17:09	8RCU	0	17:19	8RCU	0	00:10
17:10	5DNX	0	17:19	5DNX	0	00:09
17:12	0VXX	1	17:13	0VXX	0	00:01
17:14	4LHK	0	17:16	4LHK	0	00:02
17:14	7XCD	0	17:17	7XCD	0	00:03
17:15	0KLM	1	17:15	0KLM	0	00:00
17:15	1JNT	0	17:41	1JNT	0	00:26
17:16	5BYV	0	17:19	5BYV	0	00:03
17:17	0YCO	0	17:25	0YCO	0	00:08
17:19	0ADO	0	17:24	0ADO	0	00:05
17:20	0LCG	0	17:24	0LCG	1	00:04
17:22	7PLU	0	17:40	7PLU	0	00:18
17:25	9KHM	0	17:44	9KHM	0	00:19
17:31	6LXV	1	17:45	6LXV	0	00:14
17:32	9UYX	0	17:56	9UYX	0	00:24
17:32	9RYV	0	17:47	9RYV	0	00:15
11:36	1LOV	0	11:38	1LOV	0	00:02
17:36	7NTO	0	17:51	7NTO	0	00:15
17:37	0USB	0	17:59	0USB	0	00:22
17:37	3HVT	0	17:44	3HVT	0	00:07
17:38	4498	0	18:45	4498	0	01:07
17:42	0PBX	0	17:52	0PBX	0	00:10
17:43	9FRF	0	18:16	9FRF	0	00:33
17:43	2FPZ	0	17:47	2FPZ	0	00:04
17:43	9BCE	0	18:09	9BCE	0	00:26
17:44	1OHC	0	17:56	1OHC	0	00:12
17:45	SKAR	0	17:54	SKAR	0	00:09
17:45	6UGB	0	17:50	6UGB	0	00:05
17:52	9EKA	0	18:01	9EKA	0	00:09
17:53	1GLV	0	17:58	1GLV	0	00:05
17:54	1GGN	0	18:10	1GGN	0	00:16
17:56	6RBH	0	18:03	6RBH	1	00:07
17:56	6AHX	0	19:01	6AHX	0	01:05
17:57	2KZR	0	18:00	2KZR	0	00:03
18:00	3EZO	0	18:07	3EZO	0	00:07
18:03	1HAU	0	18:35	1HAU	0	00:32
18:05	2VOD	0	18:20	2VOD	0	00:15



2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY

SITE: B65b

DATE: 01/06/2012

LOCATION: Drop Off & Pick up in Short Stay Car Park

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
18:07	2WCF	0	18:12	2WCF	0	00:05
18:07	2UNF	0	18:15	2UNF	0	00:08
18:13	8ETT	0	18:25	8ETT	0	00:12
18:13	5WNN	0	18:16	5WNN	0	00:03
18:13	5AAU	0	18:16	5AAU	0	00:03
18:20	PVE	0	18:23	PVE	2	00:03
18:22	0HKU	0	18:44	0HKU	0	00:22
18:23	1KZS	0	18:36	1KZS	0	00:13
18:26	4VRB	0	18:35	4VRB	0	00:09
18:30	7SYS	0	18:35	7SYS	0	00:05
18:35	1VRG	0	18:39	1VRG	0	00:04
18:36	9ZZP	0	18:42	9ZZP	0	00:06
18:36	4NVV	3	18:40	4NVV	0	00:04
18:36	5MK	4	19:01	5MK	0	00:25
18:37	1VFT	0	18:50	1VFT	0	00:13
18:39	7NCU	0	18:58	7NCU	0	00:19
18:40	1XKN	0	18:42	1XKN	0	00:02
18:41	2MDO	0	18:42	2MDO	0	00:01
18:41	9CZU	0	19:11	9CZU	0	00:30
18:44	5FXL	0	19:00	5FXL	0	00:16
18:47	9HOP	0	18:52	9HOP	0	00:05
18:50	7ESH	0	19:11	7ESH	0	00:21
18:51	6NDZ	0	19:14	6NDZ	0	00:23
18:52	2YKV	0	19:19	2YKV	1	00:27
18:52	2EGE	0	19:20	2EGE	1	00:28
18:52	9XEB	0	19:09	9XEB	0	00:17
18:52	1VJB	0	18:53	1VJB	1	00:01
18:53	5KDY	0	18:53	5KDY	1	00:00
18:59	9BCE	0	19:19	9BCE	3	00:20
18:59	6DWJ	0	19:23	6DWJ	1	00:24
19:00	2EVR	0	19:12	2EVR	0	00:12
19:00	2VHH	0	19:15	2VHH	0	00:15
19:00	1FZW	0	19:12	1FZW	0	00:12
19:01	1XKN	0	19:27	1XKN	1	00:26
19:01	0UKY	0	19:33	0UKY	1	00:32
19:08	4UTK	0	19:13	4UTK	2	00:05
19:08	0NTE	0	19:24	0NTE	1	00:16
19:09	6WPA	0	19:21	6WPA	2	00:12
19:10	OMXU	0	19:40	OMXU	0	00:30
19:12	2RPZ	0	19:12	2RPZ	0	00:00
19:15	9GOH	0	19:20	9GOH	0	00:05
19:17	9NDJ	0	19:19	9NDJ	0	00:02
19:21	1NLT	1	19:31	1NLT	0	00:10
19:22	3UYE	0	19:22	3UYE	0	00:00
19:25	6HGC	0	19:54	6HGC	0	00:29
19:32	5FJF	0	19:37	5FJF	1	00:05
19:32	5JYP	0	19:43	5JYP	1	00:11
19:34	0UOS	0	19:45	0UOS	0	00:11
19:34	2GXD	0	19:48	2GXD	0	00:14
19:37	8AUG	0	19:45	8AUG	1	00:08
19:39	0GZH	0	20:05	0GZH	1	00:26
19:40	8UHN	0	19:42	8UHN	1	00:02
19:42	2AHN	0	19:43	2AHN	0	00:01
19:45	4NFP	0	20:02	4NFP	1	00:17
19:45	2XBY	0	19:57	2XBY	1	00:12
19:46	3FJA	0	20:03	3FJA	0	00:17
19:51	6OHX	0	20:00	6OHX	0	00:09
19:52	5KWF	0	20:03	5KWF	1	00:11
19:55	8MHY	0	20:05	8MHY	1	00:10
20:00	1HXO	1	20:23	1HXO	0	00:23
20:02	1VXG	0	20:10	1VXG	0	00:08
20:09	8ZTH	0	20:24	8ZTH	0	00:15
20:13	1MTY	0	20:15	1MTY	1	00:02



2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY

SITE: B65b

DATE: 01/06/2012

LOCATION: Drop Off & Pick up in Short Stay Car Park

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
20:13	2TEJ	0	20:39	2TEJ	1	00:26
20:13	6TFE	1	20:22	6TFE	0	00:09
20:14	5HMK	0	20:37	5HMK	0	00:23
20:14	7ONP	0	20:17	7ONP	1	00:03
20:17	8NWG	0	20:21	8NWG	2	00:04
20:23	6VZC	1	20:23	6VZC	0	00:00
20:24	1OTY	0	20:28	1OTY	0	00:04
20:24	9UYS	0	20:42	9UYS	0	00:18
20:28	0BND	0	20:50	0BND	0	00:22
20:31	1PTY	0	20:31	1PTY	0	00:00
20:33	9CZC	0	20:33	9CZC	0	00:00
20:35	2TEJ	0	20:35	2TEJ	0	00:00
20:39	1JDJ	0	20:50	1JDJ	0	00:11
20:41	7XCD	0	20:45	7XCD	0	00:04
20:42	7VHR	0	20:48	7VHR	0	00:06
20:43	5NLE	2	20:50	5NLE	0	00:07
20:43	7VCU	0	20:50	7VCU	3	00:07
20:45	8MWP	0	20:45	8MWP	0	00:00
20:48	7XCD	0	20:48	7XCD	0	00:00
20:52	9RRY	0	20:52	9RRY	0	00:00
TOTAL		66	TOTAL		111	

SITE: B66

DATE: 26/06/2012

LOCATION: BIS People Mover

DAY: Tuesday

TIME	TO STATION	FROM STATION
06:00	2	4
06:15	1	37
06:30	2	13
06:45	17	29
<b>H/TOT</b>	22	83
07:00	11	40
07:15	6	28
07:30	35	36
07:45	24	43
<b>H/TOT</b>	76	147
08:00	59	22
08:15	27	20
08:30	85	46
08:45	35	45
<b>H/TOT</b>	206	133
09:00	25	23
09:15	14	34
09:30	22	40
09:45	53	33
<b>H/TOT</b>	114	130
10:00	43	52
10:15	61	38
10:30	34	31
10:45	28	59
<b>H/TOT</b>	166	180
11:00	38	82
11:15	11	65
11:30	28	109
11:45	24	67
<b>H/TOT</b>	101	323
12:00	47	60
12:15	73	85
12:30	66	62
12:45	35	59
<b>H/TOT</b>	221	266
13:00	40	58
13:15	46	69
13:30	89	84
13:45	38	48
<b>H/TOT</b>	213	259
14:00	59	35
14:15	58	39
14:30	68	46
14:45	48	39
<b>H/TOT</b>	233	159



SITE: B66

DATE: 26/06/2012

LOCATION: BIS People Mover

DAY: Tuesday

TIME	TO STATION	FROM STATION
15:00	35	44
15:15	58	58
15:30	40	36
15:45	44	47
<b>H/TOT</b>	177	185
16:00	48	67
16:15	51	54
16:30	61	70
16:45	38	60
<b>H/TOT</b>	198	251
17:00	65	120
17:15	46	40
17:30	70	47
17:45	59	67
<b>H/TOT</b>	240	274
18:00	67	58
18:15	57	20
18:30	49	36
18:45	42	38
<b>H/TOT</b>	215	152
19:00	56	19
19:15	31	12
19:30	59	24
19:45	30	24
<b>H/TOT</b>	176	79
20:00	37	20
20:15	23	15
20:30	11	15
20:45	22	13
<b>H/TOT</b>	93	63
<b>P/TOT</b>	2451	2684

SITE: B67

DATE: 26/06/2012

LOCATION: Main entrance escalators

DAY: Tuesday

TIME	TO STATION	FROM STATION
06:00	9	0
06:15	75	0
06:30	42	4
06:45	105	13
<b>H/TOT</b>	231	17
07:00	82	11
07:15	100	8
07:30	121	8
07:45	48	5
<b>H/TOT</b>	351	32
08:00	59	16
08:15	61	11
08:30	45	25
08:45	37	0
<b>H/TOT</b>	202	52
09:00	21	0
09:15	31	3
09:30	31	13
09:45	15	10
<b>H/TOT</b>	98	26
10:00	41	10
10:15	18	4
10:30	16	4
10:45	14	3
<b>H/TOT</b>	89	21
11:00	11	12
11:15	20	6
11:30	14	5
11:45	15	7
<b>H/TOT</b>	60	30
12:00	11	11
12:15	11	13
12:30	21	11
12:45	16	10
<b>H/TOT</b>	59	45
13:00	10	8
13:15	18	10
13:30	8	18
13:45	18	35
<b>H/TOT</b>	54	71
14:00	9	25
14:15	5	24
14:30	20	17
14:45	7	5
<b>H/TOT</b>	41	71

Escalators  
temporarily  
closed

SITE: B67

DATE: 26/06/2012

LOCATION: Main entrance escalators

DAY: Tuesday

TIME	TO STATION	FROM STATION
15:00	22	12
15:15	17	19
15:30	43	6
15:45	22	9
<b>H/TOT</b>	104	46
16:00	13	45
16:15	19	42
16:30	21	36
16:45	52	12
<b>H/TOT</b>	105	135
17:00	62	28
17:15	49	26
17:30	53	42
17:45	12	54
<b>H/TOT</b>	176	150
18:00	15	60
18:15	18	48
18:30	8	55
18:45	2	23
<b>H/TOT</b>	43	186
19:00	5	79
19:15	11	59
19:30	2	62
19:45	6	33
<b>H/TOT</b>	24	233
20:00	9	29
20:15	1	32
20:30	3	25
20:45	4	27
<b>H/TOT</b>	17	113
<b>P/TOT</b>	1654	1228

SITE: B68

DATE: 26/06/2012

LOCATION: NEC Entrance from BIS

DAY: Tuesday

TIME	TO STATION	FROM STATION
06:00	0	5
06:15	0	13
06:30	0	10
06:45	1	7
<b>H/TOT</b>	<b>1</b>	<b>35</b>
07:00	2	10
07:15	3	28
07:30	6	34
07:45	9	36
<b>H/TOT</b>	<b>20</b>	<b>108</b>
08:00	6	55
08:15	6	22
08:30	6	33
08:45	5	98
<b>H/TOT</b>	<b>23</b>	<b>208</b>
09:00	6	27
09:15	6	42
09:30	5	43
09:45	8	28
<b>H/TOT</b>	<b>25</b>	<b>140</b>
10:00	6	79
10:15	12	31
10:30	4	44
10:45	9	134
<b>H/TOT</b>	<b>31</b>	<b>288</b>
11:00	7	78
11:15	8	18
11:30	15	14
11:45	3	8
<b>H/TOT</b>	<b>33</b>	<b>118</b>
12:00	20	24
12:15	5	4
12:30	11	24
12:45	8	12
<b>H/TOT</b>	<b>44</b>	<b>64</b>
13:00	10	18
13:15	20	20
13:30	11	28
13:45	18	25
<b>H/TOT</b>	<b>59</b>	<b>91</b>
14:00	16	15
14:15	21	8
14:30	22	16
14:45	38	3
<b>H/TOT</b>	<b>97</b>	<b>42</b>

SITE: B68

DATE: 26/06/2012

LOCATION: NEC Entrance from BIS

DAY: Tuesday

TIME	TO STATION	FROM STATION
15:00	52	9
15:15	35	18
15:30	44	7
15:45	37	14
<b>H/TOT</b>	168	48
16:00	48	7
16:15	59	17
16:30	38	15
16:45	40	27
<b>H/TOT</b>	185	66
17:00	147	10
17:15	93	18
17:30	54	14
17:45	67	18
<b>H/TOT</b>	361	60
18:00	122	9
18:15	53	10
18:30	57	22
18:45	13	7
<b>H/TOT</b>	245	48
19:00	22	8
19:15	11	1
19:30	1	7
19:45	7	6
<b>H/TOT</b>	41	22
20:00	7	6
20:15	3	1
20:30	8	0
20:45	8	1
<b>H/TOT</b>	26	8
<b>P/TOT</b>	1359	1346

SITE: B69

DATE: 26/06/2012

LOCATION: External footway north of drop off area

DAY: Tuesday

TIME	TO STATION	FROM STATION
06:00	12	1
06:15	7	4
06:30	10	3
06:45	1	14
<b>H/TOT</b>	<b>30</b>	<b>22</b>
07:00	8	9
07:15	0	4
07:30	4	5
07:45	2	13
<b>H/TOT</b>	<b>14</b>	<b>31</b>
08:00	2	1
08:15	6	3
08:30	7	26
08:45	3	19
<b>H/TOT</b>	<b>18</b>	<b>49</b>
09:00	2	9
09:15	1	3
09:30	2	1
09:45	0	0
<b>H/TOT</b>	<b>5</b>	<b>13</b>
10:00	14	7
10:15	7	4
10:30	7	4
10:45	0	0
<b>H/TOT</b>	<b>28</b>	<b>15</b>
11:00	6	2
11:15	1	1
11:30	1	1
11:45	0	0
<b>H/TOT</b>	<b>8</b>	<b>4</b>
12:00	1	1
12:15	2	4
12:30	3	0
12:45	0	8
<b>H/TOT</b>	<b>6</b>	<b>13</b>
13:00	7	6
13:15	2	6
13:30	6	1
13:45	3	8
<b>H/TOT</b>	<b>18</b>	<b>21</b>
14:00	12	1
14:15	1	5
14:30	2	0
14:45	1	1
<b>H/TOT</b>	<b>16</b>	<b>7</b>

SITE: B69

DATE: 26/06/2012

LOCATION: External footway north of drop off area

DAY: Tuesday

TIME	TO STATION	FROM STATION
15:00	10	0
15:15	4	0
15:30	4	0
15:45	3	2
<b>H/TOT</b>	21	2
16:00	13	1
16:15	6	1
16:30	7	1
16:45	2	1
<b>H/TOT</b>	28	4
17:00	13	1
17:15	13	1
17:30	15	0
17:45	8	2
<b>H/TOT</b>	49	4
18:00	4	0
18:15	3	4
18:30	3	5
18:45	5	2
<b>H/TOT</b>	15	11
19:00	5	11
19:15	1	0
19:30	3	2
19:45	3	4
<b>H/TOT</b>	12	17
20:00	0	6
20:15	5	6
20:30	3	9
20:45	0	2
<b>H/TOT</b>	8	23
<b>P/TOT</b>	276	236

SITE: B70

DATE: 26/06/2012

LOCATION: External footway south of drop off area

DAY: Tuesday

TIME	TO STATION	FROM STATION
06:00	0	0
06:15	0	0
06:30	0	1
06:45	0	0
<b>H/TOT</b>	0	1
07:00	0	1
07:15	3	0
07:30	3	0
07:45	0	0
<b>H/TOT</b>	6	1
08:00	0	2
08:15	1	4
08:30	0	5
08:45	1	3
<b>H/TOT</b>	2	14
09:00	0	2
09:15	0	1
09:30	0	0
09:45	0	1
<b>H/TOT</b>	0	4
10:00	1	0
10:15	0	1
10:30	0	0
10:45	0	4
<b>H/TOT</b>	1	5
11:00	2	0
11:15	1	0
11:30	0	0
11:45	1	0
<b>H/TOT</b>	4	0
12:00	4	3
12:15	0	0
12:30	3	0
12:45	4	2
<b>H/TOT</b>	11	5
13:00	0	5
13:15	2	4
13:30	3	4
13:45	0	0
<b>H/TOT</b>	5	13
14:00	0	0
14:15	0	0
14:30	0	1
14:45	0	0
<b>H/TOT</b>	0	1



SITE: B70

DATE: 26/06/2012

LOCATION: External footway south of drop off area

DAY: Tuesday

TIME	TO STATION	FROM STATION
15:00	0	0
15:15	0	0
15:30	0	0
15:45	1	0
<b>H/TOT</b>	<b>1</b>	<b>0</b>
16:00	0	4
16:15	0	2
16:30	0	2
16:45	1	0
<b>H/TOT</b>	<b>1</b>	<b>8</b>
17:00	4	0
17:15	0	0
17:30	0	0
17:45	0	0
<b>H/TOT</b>	<b>4</b>	<b>0</b>
18:00	1	0
18:15	0	0
18:30	0	0
18:45	7	0
<b>H/TOT</b>	<b>8</b>	<b>0</b>
19:00	0	0
19:15	0	1
19:30	0	0
19:45	0	0
<b>H/TOT</b>	<b>0</b>	<b>1</b>
20:00	0	0
20:15	0	0
20:30	0	0
20:45	0	0
<b>H/TOT</b>	<b>0</b>	<b>0</b>
<b>P/TOT</b>	<b>43</b>	<b>53</b>

## **Appendix B5 - summary baseline link flows within the the Castle Bromwich and Bromford (CFA25) and in the area around the proposed depot in Washwood Heath to Curzon Street (CFA26)**

Summary of Link Flows (2012 surveys for Birmingham Area)			Traffic Data	
Link Description			Baseline	
			AM Peak	PM Peak
Site ref	Location	Direction	Flow (veh/hr)	Flow (veh/hr)
23A	Chester Rd north of A452/B4148 Junction, Att l/c 142, OSGR: SP 13081 91779	NWB	876	1254
23B	Chester Road, Att - l/post 143, OSGR: SP 13081 91779	SEB	1185	980
24	Chester Road south of A452 junction, Att - L/C, OSGR: SP 13848 90341	NB	1379	1794
24	Chester Road south of A452 junction, Att - L/C, OSGR: SP 13848 90341	SB	1544	1242
25	Chester Road south of Spitfire Island, Att - new layout sign, OSGR: SP 13784 90829	NB	2166	1943
25	Chester Road south of Spitfire Island, Att - new layout sign, OSGR: SP 13784 90829	SB	1814	1615
26A	A452 east of M6 jct 5, Att - L/C 237, OSGR: SP 14569 90133	EB	700	733
26B	A452 east of M6 / A452 junction, Att - reduce speed sign, OSGR: SP 14480 90080	WB	887	756
27	Coleshill Rd west of B4174/B4114/Bradford Rd Junction, Att l/c 60, OSGR: SP 13657 89191	NEB	751	1171
27	Coleshill Rd west of B4174/B4114/Bradford Rd Junction, Att l/c 60, OSGR: SP 13657 89191	SWB	1134	883
28	Coleshill Rd west of B4114/Stechford Road, - Att L/C 40, OSGR: SP 13294 88945	NEB	309	419
28	Coleshill Rd west of B4114/Stechford Road, - Att L/C 40, OSGR: SP 13294 88945	SWB	588	345
29	Stechford Lane south of B4114/A4040 Junction, Att L/C 14, OSGR: SP 12491 88254	NB	869	866
29	Stechford Lane south of B4114/A4040 Junction, Att L/C 14, OSGR: SP 12491 88254	SB	763	889
32	Washford Heath Road, Att L/C 50, OSGR: SP 10614 88738	EB	468	734
32	Washford Heath Road, Att L/C 50, OSGR: SP 10614 88738	WB	819	563
35	Washford Heath Rd (south of Membury Rd), Att T/P, OSGR: SP 09889 88456	NEB	305	459
35	Washford Heath Rd (south of Membury Rd), Att T/P, OSGR: SP 09889 88456	SWB	418	332
39	Saltley Viaduct (west of Crawford St), Att l/post 7, OSGR: SP 09391 88264	EB	686	794
39	Saltley Viaduct (west of Crawford St), Att l/post 7, OSGR: SP 09391 88264	WB	830	746
40	Heartlands Parkway south of A47/Aston Church Rd Junction, Att - Railings, OSGR: SP 09669 88196	NEB	447	975
40	Heartlands Parkway south of A47/Aston Church Rd Junction, Att - Railings, OSGR: SP 09669 88196	SWB	1098	476
41	Aston Church Road, Att - road sign, OSGR: SP 09667 89049	SEB	243	468
41	Aston Church Road, Att - road sign, OSGR: SP 09667 89049	NWB	576	367
42	Heartlands Parkway north of A47/Aston Church Rd Junction, Att - railings, OSGR: SP 09361 88560	NEB	603	1172
42	Heartlands Parkway north of A47/Aston Church Rd Junction, Att - railings, OSGR: SP 09361 88560	SWB	1379	726
43	Aston Church Road, west of Arley Road, Att - l/post 26, OSGR: SP 09880 88892	EB	333	580
43	Aston Church Road, west of Arley Road, Att - l/post 26, OSGR: SP 09880 88892	WB	485	438
46	Drews Lane, Att - l/post 19, OSGR: SP 11274 89170	NEB	260	360
46	Drews Lane, Att - l/post 19, OSGR: SP 11274 89170	SWB	317	196
47	Bromford Lane south St Margarets Avenue, Att - L/C 181, OSGR: SP 11897 88932	NWB	827	895
47	Bromford Lane south St Margarets Avenue, Att - L/C 181, OSGR: SP 11897 88932	SEB	939	965
48	Bromford Road, Att - L/C 39, OSGR: SP 12499 89154	EB	425	607
48	Bromford Road, Att - L/C 39, OSGR: SP 12499 89154	WB	681	386
49	Bromford Lane south of A4040/Bromford Rd/Wolseley Dr Junction, Att - L/C, OSGR: SP 11673 89377	NWB	907	918
49	Bromford Lane south of A4040/Bromford Rd/Wolseley Dr Junction, Att - L/C, OSGR: SP 11673 89377	SEB	868	918
50A	Heartlands Parkway, Att - l/post 90, OSGR: SP 11378 89630	NEB	639	932
50B	Heartlands Parkway, Att - L/C 90, OSGR: SP 11378 89630	SWB	1483	756
51A	Bromford Lane, Att - l/post, OSGR: SP 11438 89977	NB	982	1304
51B	Bromford Lane, Att - cycle lane sign, OSGR: SP 11438 89977	SB	1167	970
52	Chipperfield Road, Att - railings, OSGR: SP 13227 89842	NWB	209	151
52	Chipperfield Road, Att - railings, OSGR: SP 13227 89842	SEB	197	273
53	Bromford Drive, Att - L/C 5, OSGR: SP 11865 89539	NEB	169	344
53	Bromford Drive, Att - L/C 5, OSGR: SP 11865 89539	SWB	267	166
54A	Tyburn Road west of A38/Wheelright Rd Junction, Att L/C 101, OSGR: SP 10964 90077	NEB	1232	1232
54B	Tyburn Road west of A38/Wheelright Rd Junction, Att L/C 101, OSGR: SP 10964 90077	SWB	1645	1415
55	Bromford Lane north of A38/A4040 Junction, Att, L/C, OSGR: SP 11329 90536	NB	629	1092
55	Bromford Lane north of A38/A4040 Junction, Att, L/C, OSGR: SP 11329 90536	SB	841	560
56	Tyburn Road east of Quitter Road, Att - L/C, OSGR: SP 11868 90639	NEB	788	1345
56	Tyburn Road east of Quitter Road, Att - L/C, OSGR: SP 11868 90639	SWB	1478	942
57	Kingsbury Road, Att - l/post 20, OSGR: SP 13745 91361	NEB	998	1430
57	Kingsbury Road, Att - l/post 20, OSGR: SP 13745 91361	SWB	1288	1243
58	Fort Parkway west of A47, Att - shopping sign, OSGR: SP 12237 89944	EB	637	715
58	Fort Parkway west of A47, Att - shopping sign, OSGR: SP 12237 89944	WB	1035	874
59	Kingsbury Road, Att - L/C, OSGR: SP 12195 91041	EB	399	295
59	Kingsbury Road, Att - L/C, OSGR: SP 12195 91041	WB	461	762
60	Fort Parkway east of A47 junction, Att - L/C, OSGR: SP 13354 90513	EB	630	923
60	Fort Parkway east of A47 junction, Att - L/C, OSGR: SP 13354 90513	WB	1426	973
61	Kingsbury Road, Att - l/post 151, OSGR: SP 13024 91015	EB	842	800
61	Kingsbury Road, Att - l/post 151, OSGR: SP 13024 91015	WB	1201	986
62	Tyburn Road east of Sorrel Road, Att - l/post, OSGR: SP 12784 91293	NEB	337	604
62	Tyburn Road east of Sorrel Road, Att - l/post, OSGR: SP 12784 91293	SWB	978	410

Summary of Link Flows (2012 surveys for Birmingham Area)				Traffic Data	
Link Description				Baseline	
				AM Peak	PM Peak
Site ref	Location	Direction	Flow (veh/hr)	Flow (veh/hr)	
89	Access Road from A47 Heartlands Parkway, Att - fencing, OSGR: SP 10690 89363	NWB	22	15	
89	Access Road from A47 Heartlands Parkway, Att - fencing, OSGR: SP 10690 89363	SEB	26	7	
103A	M6 junction 5 westbound off slip, Att - armco, OSGR: SP 14322 90133	SWB	833	981	
103B	M6 junction 5 eastbound onslip, Att - armco, OSGR: SP 14568 90222	NEB	874	874	
104	Duddeston Mill Road, Att - railings, OSGR: SP 09053 87812	EB	320	372	
104	Duddeston Mill Road, Att - railings, OSGR: SP 09053 87812	WB	386	213	
105	Arley Road, south of Aston Church Road, Att - railings, OSGR: SP 09873 88842	NB	85	107	
105	Arley Road, south of Aston Church Road, Att - railings, OSGR: SP 09873 88842	SB	82	71	
300	St James' Place	NWB	16	46	
300	St James' Place	SEB	67	7	
301	Viaduct Street	NEB	0	1	
301	Viaduct Street	SWB	1	2	
302	Northumberland Pl	NWB	6	9	
302	Northumberland Pl	SEB	7	7	
303	Erskine St	NWB	32	23	
303	Erskine St	SEB	22	9	
304	Dollman St	NEB	26	12	
304	Dollman St	SWB	43	18	
305	Devon St	NWB	85	163	
305	Devon St	SEB	137	67	
306	Thimble Mill Lane	NB	657	915	
306	Thimble Mill Lane	SB	829	628	
307	Alderflat Pl	EB	91	151	
307	Alderflat Pl	WB	150	69	
308	Cranby St	EB	12	29	
308	Cranby St	WB	24	12	
309	Crawford St (north of Cranby Street)	NB	3	13	
309	Crawford St (north of Cranby Street)	SB	7	5	
310	Crawford St (south of Cranby Street)	SEB	5	17	
310	Crawford St (south of Cranby Street)	NWB	3	5	
311	St Saviour's Rd	SEB	6	4	
311	St Saviour's Rd	NWB	81	63	
312	Pennine Way	NB	73	17	
312	Pennine Way	SB	34	63	
313	Dorset Rd	EB	31	54	
313	Dorset Rd	WB	49	13	
315	Arley Rd (south of Dorset Road)	NWB	64	42	
315	Arley Rd (south of Dorset Road)	SEB	36	43	
316	Warren Rd	EB	78	277	
316	Warren Rd	WB	113	155	
317	Common Lane	NB	125	72	
317	Common Lane	SB	70	184	
318	Bromford Rd	EB	441	539	
318	Bromford Rd	WB	721	461	
319	Chillinghome Rd (north of Bromford Drive)	NWB	35	36	
319	Chillinghome Rd (north of Bromford Drive)	SEB	32	27	
320	Chillinghome Rd (west of Wanderer Walk)	NEB	17	12	
320	Chillinghome Rd (west of Wanderer Walk)	SWB	24	19	
321	Wanderer Walk	EB	5	6	
321	Wanderer Walk	WB	4	6	
322	Bromford Drive (east of Chillinghome Road)	NEB	20	31	
322	Bromford Drive (east of Chillinghome Road)	SWB	35	24	
323	Tameside Drive	EB	169	35	
323	Tameside Drive	WB	76	118	
324	Langley Drive	NB	33	9	
324	Langley Drive	SB	15	29	
325	Orton Way	NB	45	12	
325	Orton Way	SB	28	37	
326	Tangmere Drive (north of Farnborough Road)	NWB	300	330	
326	Tangmere Drive (north of Farnborough Road)	SEB	367	265	
327	Farnborough Rd	NEB	214	172	

Summary of Link Flows (2012 surveys for Birmingham Area)

Traffic Data

Link Description			Baseline	
			AM Peak	PM Peak
Site ref	Location	Direction	Flow (veh/hr)	Flow (veh/hr)
327	Farnborough Rd	SWB	322	186
328	Cadbury Drive	NEB	45	31
328	Cadbury Drive	SWB	29	49
329	Kingsleigh Drive	EB	29	24
329	Kingsleigh Drive	WB	26	24
330	Parkfield Drive	EB	182	162
330	Parkfield Drive	WB	129	109
331	Water Orton Road (south of Parkfield Drive)	NEB	515	524
331	Water Orton Road (south of Parkfield Drive)	SWB	539	536
332	Lanchester Way (west of A452 junction)	EB	105	151
332	Lanchester Way (west of A452 junction)	WB	137	174
333	Lanchester Way (east of A452 junction)	NWB	113	80
333	Lanchester Way (east of A452 junction)	SEB	54	43
335	A452 (east of Parkfield Drive)	NEB	675	721
335	A452 (east of Parkfield Drive)	SWB	749	798
336	M6 (to / from M42)	EB	2133	2906
336	M6 (to / from M42)	WB	1184	1275
337	M6 (west of M6 J5)	EB	3868	4902
337	M6 (west of M6 J5)	WB	4378	3515
338	M6 (east of M6 J5)	EB	4988	6022
338	M6 (east of M6 J5)	WB	5255	4567
339	M6 (south of junction with M42)	NWB	2893	3121
339	M6 (south of junction with M42)	SEB	3534	3697
340	Auckland Drive (southeast of Lanchester Way)	NB	126	128
340	Auckland Drive (southeast of Lanchester Way)	SB	210	162
343	Tangmere Drive (west of Farnborough Road)	NEB	331	467
343	Tangmere Drive (west of Farnborough Road)	SWB	570	332
344	Bromford Lane (north of Wolseley Drive)	NB	1597	1467
344	Bromford Lane (north of Wolseley Drive)	SB	1212	1569
346	Saltley Road (east of Devon Street)	EB	948	1570
346	Saltley Road (east of Devon Street)	WB	1656	1058
348	Alum Rock Road	SEB	426	475
348	Alum Rock Road	NWB	512	416
349	Adderley Road (south of Duddeston Mill Road)	NB	265	234
349	Adderley Road (south of Duddeston Mill Road)	SB	226	142
350	Adderley Road (north of Duddeston Mill Road)	NEB	265	414
350	Adderley Road (north of Duddeston Mill Road)	SWB	343	293
351	Vauxhall Road (north of Erskine Street)	NEB	239	99
351	Vauxhall Road (north of Erskine Street)	SWB	30	48
352	Saltley Viaduct (east of Pennine Way)	EB	727	912
352	Saltley Viaduct (east of Pennine Way)	WB	816	775
353	Wolseley Drive	EB	64	119
353	Wolseley Drive	WB	125	62
354	Melvina Road	NB	597	813
354	Melvina Road	SB	494	324
355	Access Road for compounds 0430/03 and 0430/04	NB	0	0
355	Access Road for compounds 0430/03 and 0430/04	SB	0	0
356	Tameside Drive (east of Langley Drive)	EB	137	26
356	Tameside Drive (east of Langley Drive)	WB	62	90
357	Newport Road (south of M6 J5)	NEB	1105	1138
357	Newport Road (south of M6 J5)	SWB	943	1044
358	A452 Newport Road (south of Tameside Drive)	NB	2502	2466
358	A452 Newport Road (south of Tameside Drive)	SB	1972	2055
359	Aston Church Road (south of Warren Road)	NWB	390	335
359	Aston Church Road (south of Warren Road)	SEB	260	361
360	Washwood Heath Road (south of Arley Road)	NEB	449	744
360	Washwood Heath Road (south of Arley Road)	SWB	566	558
361	Access Road for compound 0430/08	NB	0	0
361	Access Road for compound 0430/08	SB	0	0
362	Access Road for compound 0430/09	NWB	0	0
362	Access Road for compound 0430/09	SEB	0	0

**Appendix B6 - manual classified turning count data for junctions within the Castle Bromwich and Bromford (CFA25) and in the area around the proposed depot in Washwood Heath to Curzon Street (CFA26)**



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH85

DATE: 21/06/2012

SITE: WH85

DATE: 21/06/2012

LOCATION: B4132/Duddeston Mill Rd/Great Francis St Jnc DAY: THURSDAY

LOCATION: B4132/Duddeston Mill Rd/Great Francis St Jnc DAY: THURSDAY

A to C											A to B										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COACH	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COACH	MCL	PCL	TOT
07:00	0	0	0	0	0	0	0	0	0	0	07:00	11	0	0	0	0	1	0	0	0	12
07:15	0	0	0	0	0	0	0	0	0	0	07:15	19	0	1	1	0	0	0	0	0	21
07:30	0	0	0	0	0	0	0	0	0	0	07:30	19	0	4	0	0	0	1	0	1	25
07:45	1	0	1	0	0	0	0	0	0	2	07:45	44	0	4	0	0	0	0	0	0	48
08:00	4	0	0	0	0	0	0	0	0	4	08:00	46	0	5	0	0	0	0	0	0	51
08:15	7	0	2	0	0	0	0	0	0	9	08:15	49	0	5	0	0	0	0	0	1	55
08:30	6	0	0	0	0	0	0	0	0	6	08:30	52	0	5	1	1	0	0	2	0	61
08:45	6	0	0	0	0	0	0	0	0	6	08:45	44	0	4	1	0	0	1	0	1	51
09:00	1	0	2	0	0	0	0	0	0	3	09:00	31	1	4	0	0	0	0	0	0	36
09:15	1	0	0	0	0	0	0	0	0	1	09:15	18	0	2	2	0	0	0	0	0	22
09:30	6	0	0	0	0	0	0	0	0	6	09:30	11	0	2	0	0	0	0	0	0	13
09:45	1	0	1	0	0	0	0	0	0	2	09:45	17	0	4	0	0	0	0	0	0	21
P/TOT	33	0	6	0	0	0	0	0	0	39	P/TOT	361	1	40	5	1	1	2	2	3	416

A to C											A to B										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COACH	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COACH	MCL	PCL	TOT
16:00	5	0	0	0	0	0	0	0	0	5	16:00	23	0	2	1	0	0	0	0	0	26
16:15	2	0	0	0	0	0	0	0	0	2	16:15	22	0	3	0	0	0	0	0	0	25
16:30	4	0	0	0	0	0	0	0	0	4	16:30	30	0	2	0	1	0	0	2	0	35
16:45	2	0	0	0	0	0	0	0	0	2	16:45	20	0	2	0	0	0	0	0	0	22
17:00	1	0	0	0	0	0	0	0	0	1	17:00	35	0	1	0	0	0	0	0	0	36
17:15	8	0	1	0	0	0	0	0	0	9	17:15	23	0	1	0	0	0	0	0	0	24
17:30	4	0	0	0	0	0	0	0	0	4	17:30	10	0	2	0	0	0	0	0	0	12
17:45	2	0	0	0	0	0	0	0	0	2	17:45	9	0	2	0	0	0	0	0	0	11
18:00	2	0	1	1	0	0	0	0	0	4	18:00	14	0	3	0	0	0	0	0	0	17
18:15	2	0	0	0	0	0	0	0	0	2	18:15	12	0	0	0	0	0	0	0	0	12
18:30	1	0	0	0	0	0	0	0	0	1	18:30	5	0	1	0	0	0	0	0	0	6
18:45	3	0	0	0	0	0	0	0	0	3	18:45	7	0	0	0	0	0	0	0	0	7
P/TOT	36	0	2	1	0	0	0	0	0	39	P/TOT	210	0	19	1	1	0	0	2	0	233

Duddeston Road\_Melvina Road.xlsx WH85

NDC for  
Arup



2111 / WEST MIDLANDS HS2  
JUNE 2012  
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2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH85

DATE: 21/06/2012

SITE: WH85

DATE: 21/06/2012

LOCATION: B4132/Duddeston Mill Rd/Great Francis St Jnc DAY: THURSDAY

LOCATION: B4132/Duddeston Mill Rd/Great Francis St Jnc DAY: THURSDAY

B to A											B to C										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COACH	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COACH	MCL	PCL	TOT
07:00	1	0	0	0	0	0	0	0	0	1	07:00	43	0	25	8	3	2	0	2	1	84
07:15	2	0	0	0	0	0	0	0	0	2	07:15	79	0	16	5	4	2	0	0	0	106
07:30	3	0	2	0	0	0	0	0	0	5	07:30	69	0	16	6	3	2	1	0	0	97
07:45	5	0	0	0	1	0	0	0	0	6	07:45	73	0	25	4	5	3	0	3	1	114
08:00	4	0	0	0	0	0	0	0	0	4	08:00	83	0	14	8	6	2	0	1	0	114
08:15	3	0	1	0	0	0	0	0	0	4	08:15	137	0	16	7	0	2	1	0	0	163
08:30	5	0	0	0	0	0	0	0	0	5	08:30	114	0	27	6	4	2	3	2	1	159
08:45	4	0	1	0	0	0	0	0	0	5	08:45	109	0	17	9	2	2	1	0	0	140
09:00	9	0	2	1	0	0	0	0	0	12	09:00	88	0	23	8	2	2	0	0	0	123
09:15	5	0	1	0	0	0	0	0	0	6	09:15	57	0	31	15	3	3	1	2	0	112
09:30	0	0	3	0	0	0	0	0	0	3	09:30	75	1	22	5	3	2	1	0	0	109
09:45	1	0	2	0	0	0	0	0	0	3	09:45	63	1	18	6	2	1	0	0	0	91
P/TOT	42	0	12	1	1	0	0	0	0	56	P/TOT	990	2	250	87	37	25	8	10	3	1412

B to A											B to C										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COACH	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COACH	MCL	PCL	TOT
16:00	8	0	1	0	0	0	0	0	1	10	16:00	152	3	38	6	4	1	1	2	0	207
16:15	11	0	2	0	0	0	0	0	0	13	16:15	162	0	34	12	2	3	0	0	0	213
16:30	9	0	3	0	0	0	0	0	0	12	16:30	175	2	27	6	3	3	1	1	0	218
16:45	8	0	0	0	0	0	0	0	0	8	16:45	193	1	23	9	1	0	0	0	0	227
17:00	12	1	2	0	0	0	0	0	0	15	17:00	174	2	17	11	1	5	2	2	0	214
17:15	9	0	2	0	0	0	0	0	0	11	17:15	175	1	20	5	0	0	0	0	2	203
17:30	4	0	1	1	0	0	0	0	0	6	17:30	187	0	16	3	3	2	1	0	1	213
17:45	8	0	0	0	0	0	0	0	0	8	17:45	142	0	23	2	1	4	0	1	1	174
18:00	11	0	1	0	0	0	0	0	0	12	18:00	124	0	14	3	3	2	0	0	1	147
18:15	9	0	1	0	0	0	0	0	0	10	18:15	105	1	14	4	1	2	1	0	0	128
18:30	1	0	0	0	0	0	0	0	0	1	18:30	90	1	8	0	1	2	2	1	1	106
18:45	5	0	0	0	0	0	0	0	0	5	18:45	69	0	10	0	0	1	2	0	0	82
P/TOT	95	1	13	1	0	0	0	0	1	111	P/TOT	1748	11	244	61	20	25	10	7	6	2132

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NDC for  
Arup



2111 / WEST MIDLANDS HS2  
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JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH85

DATE: 21/06/2012

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LOCATION: B4132/Duddeston Mill Rd/Great Francis St Jnc DAY: THURSDAY

LOCATION: B4132/Duddeston Mill Rd/Great Francis St Jnc DAY: THURSDAY

C to B											C to A											
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COACH	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COACH	MCL	PCL	TOT	
07:00	39	0	15	5	2	3	1	0	0	65	07:00	0	0	0	0	0	0	0	0	0	0	0
07:15	61	0	14	8	4	4	0	0	0	91	07:15	0	0	0	0	0	0	0	0	0	0	
07:30	38	0	14	8	4	3	1	0	0	68	07:30	0	0	0	0	0	0	0	0	0	0	
07:45	58	1	12	7	0	2	0	0	0	80	07:45	0	0	0	0	0	0	0	0	0	0	
08:00	72	0	14	8	3	3	1	0	1	102	08:00	0	0	1	0	0	0	1	0	0	2	
08:15	92	1	22	4	4	4	1	0	0	128	08:15	2	0	1	0	0	0	0	0	0	3	
08:30	81	0	24	10	4	3	3	0	0	125	08:30	2	0	2	0	0	0	0	0	0	4	
08:45	82	2	24	15	2	3	0	0	0	128	08:45	2	0	1	0	0	0	0	0	0	3	
09:00	59	0	24	8	1	2	2	0	0	96	09:00	3	0	0	0	0	0	0	0	0	3	
09:15	54	0	24	8	4	2	1	0	0	93	09:15	2	0	1	0	0	0	0	0	0	3	
09:30	38	0	22	5	2	3	0	0	0	70	09:30	4	0	0	0	0	0	0	0	0	4	
09:45	54	1	15	10	4	3	1	1	0	89	09:45	2	0	1	0	0	0	0	0	0	3	
P/TOT	728	5	224	96	34	35	11	1	1	1135	P/TOT	17	0	7	0	0	0	1	0	0	25	

	C to B											C to A										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COACH	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COACH	MCL	PCL	TOT	
16:00	69	0	17	8	3	2	1	0	0	100	16:00	2	0	1	0	0	0	0	0	0	0	3
16:15	60	1	16	6	3	1	1	0	0	88	16:15	3	0	0	0	0	0	0	0	0	0	3
16:30	78	1	18	3	1	2	0	0	1	104	16:30	3	0	1	0	0	0	0	0	0	0	4
16:45	60	0	16	1	1	3	0	1	0	82	16:45	0	0	1	0	0	0	0	0	0	0	1
17:00	58	3	13	1	1	2	0	1	0	79	17:00	2	0	1	0	0	0	0	0	0	0	3
17:15	61	2	18	1	0	2	0	2	0	86	17:15	3	0	1	0	0	0	0	0	0	0	4
17:30	74	0	11	0	0	4	1	1	0	91	17:30	1	0	0	0	0	0	0	0	0	0	1
17:45	52	1	6	2	1	2	0	3	0	67	17:45	0	0	0	0	0	0	0	0	0	0	0
18:00	70	0	7	1	1	3	1	0	0	83	18:00	2	0	1	0	0	0	0	0	0	0	3
18:15	56	0	3	0	1	0	0	1	0	61	18:15	2	0	0	0	0	0	0	0	0	0	2
18:30	57	0	5	0	2	1	0	2	0	67	18:30	4	0	0	0	0	0	0	0	0	0	4
18:45	49	0	6	2	0	1	0	0	0	58	18:45	0	0	0	0	0	0	0	0	0	0	0
P/TOT	744	8	136	25	14	23	4	11	1	966	P/TOT	22	0	6	0	0	0	0	0	0	0	28

Duddeston Road\_Melvina Road.xlsx WH85

NDC for  
Arup



2111 / WEST MIDLANDS HS2  
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SITE: WH85

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LOCATION: B4132/Duddeston Mill Rd/Great Francis St Jnc DAY: THURSDAY

LOCATION: B4132/Duddeston Mill Rd/Great Francis St Jnc DAY: THURSDAY

TO ARM A											FROM ARM A										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COACH	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COACH	MCL	PCL	TOT
07:00	1	0	0	0	0	0	0	0	0	1	07:00	11	0	0	0	0	1	0	0	0	12
07:15	2	0	0	0	0	0	0	0	0	2	07:15	19	0	1	1	0	0	0	0	0	21
07:30	3	0	2	0	0	0	0	0	0	5	07:30	19	0	4	0	0	0	1	0	0	25
07:45	5	0	0	0	1	0	0	0	0	6	07:45	45	0	5	0	0	0	0	0	0	50
08:00	4	0	1	0	0	0	1	0	0	6	08:00	50	0	5	0	0	0	0	0	0	55
08:15	5	0	2	0	0	0	0	0	0	7	08:15	56	0	7	0	0	0	0	0	1	64
08:30	7	0	2	0	0	0	0	0	0	9	08:30	58	0	5	1	1	0	0	2	0	67
08:45	6	0	2	0	0	0	0	0	0	8	08:45	50	0	4	1	0	0	1	0	1	57
09:00	12	0	2	1	0	0	0	0	0	15	09:00	32	1	6	0	0	0	0	0	0	39
09:15	7	0	2	0	0	0	0	0	0	9	09:15	19	0	2	2	0	0	0	0	0	23
09:30	4	0	3	0	0	0	0	0	0	7	09:30	17	0	2	0	0	0	0	0	0	19
09:45	3	0	3	0	0	0	0	0	0	6	09:45	18	0	5	0	0	0	0	0	0	23
P/TOT	59	0	19	1	1	0	1	0	0	81	P/TOT	394	1	46	5	1	1	2	2	3	455

TO ARM A											FROM ARM A										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COACH	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COACH	MCL	PCL	TOT
16:00	10	0	2	0	0	0	0	0	1	13	16:00	28	0	2	1	0	0	0	0	0	31
16:15	14	0	2	0	0	0	0	0	0	16	16:15	24	0	3	0	0	0	0	0	0	27
16:30	12	0	4	0	0	0	0	0	0	16	16:30	34	0	2	0	1	0	0	2	0	39
16:45	8	0	1	0	0	0	0	0	0	9	16:45	22	0	2	0	0	0	0	0	0	24
17:00	14	1	3	0	0	0	0	0	0	18	17:00	36	0	1	0	0	0	0	0	0	37
17:15	12	0	3	0	0	0	0	0	0	15	17:15	31	0	2	0	0	0	0	0	0	33
17:30	5	0	1	1	0	0	0	0	0	7	17:30	14	0	2	0	0	0	0	0	0	16
17:45	8	0	0	0	0	0	0	0	0	8	17:45	11	0	2	0	0	0	0	0	0	13
18:00	13	0	2	0	0	0	0	0	0	15	18:00	16	0	4	1	0	0	0	0	0	21
18:15	11	0	1	0	0	0	0	0	0	12	18:15	14	0	0	0	0	0	0	0	0	14
18:30	5	0	0	0	0	0	0	0	0	5	18:30	6	0	1	0	0	0	0	0	0	7
18:45	5	0	0	0	0	0	0	0	0	5	18:45	10	0	0	0	0	0	0	0	0	10
P/TOT	117	1	19	1	0	0	0	0	1	139	P/TOT	246	0	21	2	1	0	0	2	0	272

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SITE: WH85

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LOCATION: B4132/Duddeston Mill Rd/Great Francis St Jnc DAY: THURSDAY

LOCATION: B4132/Duddeston Mill Rd/Great Francis St Jnc DAY: THURSDAY

TO ARM B											FROM ARM B											
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COACH	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COACH	MCL	PCL	TOT	
07:00	50	0	15	5	2	4	1	0	0	77	07:00	44	0	25	8	3	2	0	2	1	0	85
07:15	80	0	15	9	4	4	0	0	0	112	07:15	81	0	16	5	4	2	0	0	0	0	108
07:30	57	0	18	8	4	3	2	0	1	93	07:30	72	0	18	6	3	2	1	0	0	0	102
07:45	102	1	16	7	0	2	0	0	0	128	07:45	78	0	25	4	6	3	0	3	1	0	120
08:00	118	0	19	8	3	3	1	0	1	153	08:00	87	0	14	8	6	2	0	1	0	0	118
08:15	141	1	27	4	4	4	1	0	1	183	08:15	140	0	17	7	0	2	1	0	0	0	167
08:30	133	0	29	11	5	3	3	2	0	186	08:30	119	0	27	6	4	2	3	2	1	0	164
08:45	126	2	28	16	2	3	1	0	1	179	08:45	113	0	18	9	2	2	1	0	0	0	145
09:00	90	1	28	8	1	2	2	0	0	132	09:00	97	0	25	9	2	2	0	0	0	0	135
09:15	72	0	26	10	4	2	1	0	0	115	09:15	62	0	32	15	3	3	1	2	0	0	118
09:30	49	0	24	5	2	3	0	0	0	83	09:30	75	1	25	5	3	2	1	0	0	0	112
09:45	71	1	19	10	4	3	1	1	0	110	09:45	64	1	20	6	2	1	0	0	0	0	94
P/TOT	1089	6	264	101	35	36	13	3	4	1551	P/TOT	1032	2	262	88	38	25	8	10	3	0	1468

	TO ARM B											FROM ARM B										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COACH	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COACH	MCL	PCL	TOT	
16:00	92	0	19	9	3	2	1	0	0	126	16:00	160	3	39	6	4	1	1	2	1	0	217
16:15	82	1	19	6	3	1	1	0	0	113	16:15	173	0	36	12	2	3	0	0	0	0	226
16:30	108	1	20	3	2	2	0	2	1	139	16:30	184	2	30	6	3	3	1	1	0	0	230
16:45	80	0	18	1	1	3	0	1	0	104	16:45	201	1	23	9	1	0	0	0	0	0	235
17:00	93	3	14	1	1	2	0	1	0	115	17:00	186	3	19	11	1	5	2	2	0	0	229
17:15	84	2	19	1	0	2	0	2	0	110	17:15	184	1	22	5	0	0	0	0	0	2	214
17:30	84	0	13	0	0	4	1	1	0	103	17:30	191	0	17	4	3	2	1	0	1	0	219
17:45	61	1	8	2	1	2	0	3	0	78	17:45	150	0	23	2	1	4	0	1	1	0	182
18:00	84	0	10	1	1	3	1	0	0	100	18:00	135	0	15	3	3	2	0	0	0	1	159
18:15	68	0	3	0	1	0	0	1	0	73	18:15	114	1	15	4	1	2	1	0	0	0	138
18:30	62	0	6	0	2	1	0	2	0	73	18:30	91	1	8	0	1	2	2	1	1	0	107
18:45	56	0	6	2	0	1	0	0	0	65	18:45	74	0	10	0	0	1	2	0	0	0	87
P/TOT	954	8	155	26	15	23	4	13	1	1199	P/TOT	1843	12	257	62	20	25	10	7	7	0	2243

Duddeston Road\_Melvina Road.xlsx WH85

NDC for  
Arup



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH85

DATE: 21/06/2012

SITE: WH85

DATE: 21/06/2012

LOCATION: B4132/Duddeston Mill Rd/Great Francis St Jnc DAY: THURSDAY

LOCATION: B4132/Duddeston Mill Rd/Great Francis St Jnc DAY: THURSDAY

	TO ARM C											FROM ARM C										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COACH	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COACH	MCL	PCL	TOT	
07:00	43	0	25	8	3	2	0	2	1	84	07:00	39	0	15	5	2	3	1	0	0	65	
07:15	79	0	16	5	4	2	0	0	0	106	07:15	61	0	14	8	4	4	0	0	0	91	
07:30	69	0	16	6	3	2	1	0	0	97	07:30	38	0	14	8	4	3	1	0	0	68	
07:45	74	0	26	4	5	3	0	3	1	116	07:45	58	1	12	7	0	2	0	0	0	80	
08:00	87	0	14	8	6	2	0	1	0	118	08:00	72	0	15	8	3	3	2	0	1	104	
08:15	144	0	18	7	0	2	1	0	0	172	08:15	94	1	23	4	4	4	1	0	0	131	
08:30	120	0	27	6	4	2	3	2	1	165	08:30	83	0	26	10	4	3	3	0	0	129	
08:45	115	0	17	9	2	2	1	0	0	146	08:45	84	2	25	15	2	3	0	0	0	131	
09:00	89	0	25	8	2	2	0	0	0	126	09:00	62	0	24	8	1	2	2	0	0	99	
09:15	58	0	31	15	3	3	1	2	0	113	09:15	56	0	25	8	4	2	1	0	0	96	
09:30	81	1	22	5	3	2	1	0	0	115	09:30	42	0	22	5	2	3	0	0	0	74	
09:45	64	1	19	6	2	1	0	0	0	93	09:45	56	1	16	10	4	3	1	1	0	92	
P/TOT	1023	2	256	87	37	25	8	10	3	1451	P/TOT	745	5	231	96	34	35	12	1	1	1160	

TO ARM C											FROM ARM C											
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COACH	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COACH	MCL	PCL	TOT	
16:00	157	3	38	6	4	1	1	2	0	212	16:00	71	0	18	8	3	2	1	0	0	0	103
16:15	164	0	34	12	2	3	0	0	0	215	16:15	63	1	16	6	3	1	1	0	0	0	91
16:30	179	2	27	6	3	3	1	1	0	222	16:30	81	1	19	3	1	2	0	0	0	1	108
16:45	195	1	23	9	1	0	0	0	0	229	16:45	60	0	17	1	1	3	0	1	0	0	83
17:00	175	2	17	11	1	5	2	2	0	215	17:00	60	3	14	1	1	2	0	1	0	0	82
17:15	183	1	21	5	0	0	0	0	2	212	17:15	64	2	19	1	0	2	0	2	0	0	90
17:30	191	0	16	3	3	2	1	0	1	217	17:30	75	0	11	0	0	4	1	1	0	0	92
17:45	144	0	23	2	1	4	0	1	1	176	17:45	52	1	6	2	1	2	0	3	0	0	67
18:00	126	0	15	4	3	2	0	0	1	151	18:00	72	0	8	1	1	3	1	0	0	0	86
18:15	107	1	14	4	1	2	1	0	0	130	18:15	58	0	3	0	1	0	0	1	0	0	63
18:30	91	1	8	0	1	2	2	1	1	107	18:30	61	0	5	0	2	1	0	2	0	0	71
18:45	72	0	10	0	0	1	2	0	0	85	18:45	49	0	6	2	0	1	0	0	0	0	58
P/TOT	1784	11	246	62	20	25	10	7	6	2171	P/TOT	766	8	142	25	14	23	4	11	1	0	994

Duddeston Road\_Melvina Road.xlsx WH85

NDC for  
Arup

SITE: WH85

DATE: 21/06/2012

LOCATION: B4132/Duddeston Mill Rd/Great Francis St Jnc

DAY: THURSDAY

TIME	JUNCTION TOTAL									TOT
	CAR	TAXI	LGV	OGV1	OGV2	BUS	COACH	MCL	PCL	
07:00	94	0	40	13	5	6	1	2	1	68
07:15	161	0	31	14	8	6	0	0	0	59
07:30	129	0	36	14	7	5	3	0	1	66
07:45	181	1	42	11	6	5	0	3	1	69
08:00	209	0	34	16	9	5	2	1	1	68
08:15	290	1	47	11	4	6	2	0	1	72
08:30	260	0	58	17	9	5	6	4	1	100
08:45	247	2	47	25	4	5	2	0	1	86
09:00	191	1	55	17	3	4	2	0	0	82
09:15	137	0	59	25	7	5	2	2	0	100
09:30	134	1	49	10	5	5	1	0	0	71
09:45	138	2	41	16	6	4	1	1	0	71
<b>P/TOT</b>	<b>2171</b>	<b>8</b>	<b>539</b>	<b>189</b>	<b>73</b>	<b>61</b>	<b>22</b>	<b>13</b>	<b>7</b>	<b>912</b>

PEAK HOUR CALCULATION	
07:00 to 08:00	262
07:15 to 08:15	262
07:30 to 08:30	275
07:45 to 08:45	309
08:00 to 09:00	326
08:15 to 09:15	340
08:30 to 09:30	<b>368</b>
08:45 to 09:45	339
09:00 to 10:00	324
<b>PEAK VALUE</b>	<b>368</b>

TIME	JUNCTION TOTAL									TOT
	CAR	TAXI	LGV	OGV1	OGV2	BUS	COACH	MCL	PCL	
16:00	259	3	59	15	7	3	2	2	1	92
16:15	260	1	55	18	5	4	1	0	0	84
16:30	299	3	51	9	5	5	1	3	1	78
16:45	283	1	42	10	2	3	0	1	0	59
17:00	282	6	34	12	2	7	2	3	0	66
17:15	279	3	43	6	0	2	0	2	2	58
17:30	280	0	30	4	3	6	2	1	1	47
17:45	213	1	31	4	2	6	0	4	1	49
18:00	223	0	27	5	4	5	1	0	1	43
18:15	186	1	18	4	2	2	1	1	0	29
18:30	158	1	14	0	3	3	2	3	1	27
18:45	133	0	16	2	0	2	2	0	0	22
<b>P/TOT</b>	<b>2855</b>	<b>20</b>	<b>420</b>	<b>89</b>	<b>35</b>	<b>48</b>	<b>14</b>	<b>20</b>	<b>8</b>	<b>654</b>

PEAK HOUR CALCULATION	
16:00 to 17:00	<b>313</b>
16:15 to 17:15	287
16:30 to 17:30	261
16:45 to 17:45	230
17:00 to 18:00	220
17:15 to 18:15	197
17:30 to 18:30	168
17:45 to 18:45	148
18:00 to 19:00	121
<b>PEAK VALUE</b>	<b>313</b>



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH10

DATE: 21/06/2012

SITE: WH10

DATE: 21/06/2012

LOCATION: B4114/Aston Church Rd Junction

DAY: THURSDAY

LOCATION: B4114/Aston Church Rd Junction

DAY: THURSDAY

A to D											TOT	A to C											TOT
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TIME		CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL			
07:00	14	0	2	0	1	1	0	1	0	19	07:00	6	0	3	1	0	0	0	0	0	10		
07:15	23	0	6	2	0	0	0	0	0	31	07:15	7	0	1	1	0	0	0	0	0	9		
07:30	23	0	5	3	0	0	1	0	0	32	07:30	9	0	2	1	0	0	0	0	0	12		
07:45	19	0	4	3	0	0	0	0	0	26	07:45	5	0	3	0	0	0	0	0	0	8		
08:00	42	0	3	3	0	0	0	0	0	48	08:00	11	0	1	2	0	0	0	0	0	14		
08:15	32	0	2	3	1	0	0	0	0	38	08:15	14	0	1	0	0	0	0	0	0	15		
08:30	39	0	6	4	1	0	0	0	0	50	08:30	16	0	1	0	0	0	0	0	0	17		
08:45	27	0	3	2	0	0	1	0	0	33	08:45	19	0	2	0	0	0	0	0	0	21		
09:00	32	1	7	0	0	1	0	0	0	41	09:00	13	0	3	1	0	0	0	0	0	17		
09:15	27	0	5	1	0	0	1	0	0	34	09:15	12	0	4	1	0	0	0	0	0	17		
09:30	22	0	7	3	1	0	0	0	0	33	09:30	9	0	2	0	1	0	0	0	0	12		
09:45	27	0	5	3	1	0	0	0	0	36	09:45	6	0	4	0	0	0	0	0	0	10		
P/TOT	327	1	55	27	5	2	3	1	0	421	P/TOT	127	0	27	7	1	0	0	0	0	162		

	A to D										A to C											
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	
16:00	48	0	15	0	0	0	0	0	0	63	16:00	23	0	2	0	0	0	0	0	0	0	25
16:15	48	0	9	3	0	0	0	0	0	60	16:15	12	0	4	0	0	0	0	0	0	0	16
16:30	53	1	9	1	1	0	0	0	0	65	16:30	20	0	0	0	0	0	0	0	0	0	20
16:45	74	2	7	2	0	0	0	0	0	85	16:45	25	0	2	0	0	0	0	0	0	0	27
17:00	56	2	3	3	0	0	0	0	0	64	17:00	23	1	1	0	0	0	0	0	0	0	25
17:15	57	0	8	2	0	0	0	0	0	67	17:15	23	0	1	0	0	0	0	0	0	0	24
17:30	58	0	4	0	0	0	0	0	0	62	17:30	28	0	2	0	0	0	0	0	0	2	32
17:45	38	0	3	2	1	0	0	0	0	44	17:45	30	0	3	1	0	0	0	0	0	0	34
18:00	54	1	9	2	0	0	0	0	0	66	18:00	18	0	1	0	0	0	0	0	0	0	19
18:15	40	2	8	0	0	0	0	0	0	50	18:15	24	0	0	0	0	0	0	0	0	0	24
18:30	42	2	1	0	0	0	0	0	0	45	18:30	15	0	1	0	0	0	0	0	0	0	16
18:45	39	0	4	1	0	1	0	0	0	45	18:45	13	0	2	0	0	0	0	0	0	0	15
P/TOT	607	10	80	16	2	1	0	0	0	716	P/TOT	254	1	19	1	0	0	0	0	0	2	277

B4114\_Aston Church Road.xlsx WH10

NDC for  
Arup



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH10

DATE: 21/06/2012

SITE: WH10

DATE: 21/06/2012

LOCATION: B4114/Aston Church Rd Junction

DAY: THURSDAY

LOCATION: B4114/Aston Church Rd Junction

DAY: THURSDAY

	A to B											B to A									
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
07:00	1	0	0	0	2	0	0	0	0	3	07:00	2	0	1	0	0	0	0	0	0	3
07:15	0	0	1	0	0	0	0	0	0	1	07:15	1	0	0	0	0	0	0	0	0	1
07:30	0	0	0	0	0	0	0	0	0	0	07:30	2	0	1	0	0	0	0	0	0	3
07:45	0	0	0	2	0	0	0	0	0	2	07:45	2	0	2	1	0	0	0	0	0	5
08:00	2	0	0	0	1	0	0	0	0	3	08:00	4	0	2	1	0	0	0	0	0	7
08:15	3	0	1	0	1	0	2	0	0	7	08:15	4	0	2	0	0	0	0	0	0	6
08:30	7	0	1	1	0	0	0	0	0	9	08:30	3	0	1	1	0	0	0	0	0	5
08:45	2	0	2	1	0	0	0	0	0	5	08:45	4	0	1	0	0	0	0	0	0	5
09:00	1	0	0	0	1	0	0	0	0	2	09:00	1	0	1	0	0	0	0	0	0	2
09:15	1	0	0	1	0	0	0	0	0	2	09:15	0	0	1	0	0	0	0	0	0	1
09:30	0	0	2	0	2	0	0	0	0	4	09:30	1	0	1	0	0	0	0	0	0	2
09:45	3	0	0	0	2	0	0	0	0	5	09:45	3	0	2	1	0	0	0	0	0	6
P/TOT	20	0	7	5	9	0	2	0	0	43	P/TOT	27	0	15	4	0	0	0	0	0	46

A to B											B to A											
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	
16:00	4	0	2	0	0	0	0	0	0	6	16:00	10	0	1	0	0	0	0	0	0	0	11
16:15	3	0	0	1	0	0	0	0	0	4	16:15	9	0	1	0	0	0	0	0	0	0	10
16:30	2	0	0	0	0	0	0	0	0	2	16:30	10	0	0	0	0	0	0	0	0	0	10
16:45	1	0	1	0	0	0	0	0	0	2	16:45	3	0	1	1	0	0	0	0	0	0	5
17:00	1	0	1	0	0	0	0	0	0	2	17:00	6	0	0	0	0	0	0	0	0	0	6
17:15	3	0	0	0	0	0	0	0	0	3	17:15	6	0	0	0	0	0	0	0	0	0	6
17:30	4	0	0	0	0	0	0	0	0	4	17:30	3	0	1	0	0	0	0	0	0	0	4
17:45	2	0	0	0	0	0	0	0	0	2	17:45	4	0	0	0	0	0	0	0	0	0	4
18:00	4	0	0	0	0	0	0	0	0	4	18:00	9	0	0	0	0	0	0	0	0	0	9
18:15	6	0	0	0	0	0	0	0	0	6	18:15	7	0	0	0	0	0	0	0	0	0	7
18:30	4	0	1	0	0	0	0	0	0	5	18:30	8	0	1	0	0	0	0	0	0	0	9
18:45	5	0	0	0	1	0	0	0	0	6	18:45	2	0	0	0	0	0	0	0	0	0	2
P/TOT	39	0	5	1	1	0	0	0	0	46	P/TOT	77	0	5	1	0	0	0	0	0	0	83

B4114\_Aston Church Road.xlsx WH10

NDC for  
Arup



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH10

DATE: 21/06/2012

SITE: WH10

DATE: 21/06/2012

LOCATION: B4114/Aston Church Rd Junction

DAY: THURSDAY

LOCATION: B4114/Aston Church Rd Junction

DAY: THURSDAY

B to D											B to C										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
07:00	9	0	4	1	1	7	0	0	0	22	07:00	1	0	0	0	0	0	0	0	0	1
07:15	17	0	3	2	2	8	0	0	1	33	07:15	0	0	0	0	0	0	0	0	0	0
07:30	20	0	13	5	0	8	0	0	0	46	07:30	1	0	0	0	0	0	0	0	0	1
07:45	31	2	9	0	3	7	0	0	0	52	07:45	0	0	0	0	0	0	0	0	0	0
08:00	38	0	11	2	1	3	0	0	0	55	08:00	1	0	1	0	0	0	0	0	0	2
08:15	52	2	13	6	0	10	0	0	0	83	08:15	2	0	1	0	0	0	0	0	0	3
08:30	62	0	6	4	2	9	0	0	0	83	08:30	4	0	0	0	0	0	0	0	0	4
08:45	52	0	11	4	0	8	1	0	0	76	08:45	5	0	0	0	0	0	0	0	0	5
09:00	52	0	6	0	1	7	0	0	0	66	09:00	1	0	0	0	0	0	0	0	0	1
09:15	49	0	10	4	2	6	0	0	0	71	09:15	2	0	0	0	0	0	0	0	0	2
09:30	39	0	11	7	3	5	0	0	0	65	09:30	1	0	0	0	0	0	0	0	0	1
09:45	50	0	12	3	1	7	0	0	0	73	09:45	2	0	0	0	0	0	0	0	0	2
P/TOT	471	4	109	38	16	85	1	0	1	725	P/TOT	20	0	2	0	0	0	0	0	0	22

B to D											B to C										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
16:00	97	2	4	5	1	8	0	1	0	118	16:00	4	0	0	0	0	0	0	0	0	4
16:15	94	1	11	2	0	9	0	0	0	117	16:15	6	0	0	0	0	0	0	0	0	6
16:30	89	0	9	2	1	6	0	1	0	108	16:30	12	0	0	0	0	0	0	0	0	12
16:45	80	2	12	0	0	6	0	0	0	100	16:45	3	0	1	0	0	0	0	0	0	4
17:00	114	0	8	0	0	9	0	1	3	135	17:00	4	0	0	0	0	0	0	0	0	4
17:15	71	0	10	1	1	5	0	1	1	90	17:15	6	0	1	0	0	0	0	0	0	7
17:30	116	0	5	5	2	5	0	0	1	134	17:30	3	0	0	0	0	0	0	0	0	3
17:45	81	0	3	1	1	9	0	0	0	95	17:45	9	0	2	0	0	0	0	0	0	11
18:00	107	0	4	0	0	9	0	0	0	120	18:00	6	0	1	0	0	0	0	0	0	7
18:15	82	0	3	1	0	5	0	1	0	92	18:15	4	0	0	0	0	0	0	0	0	4
18:30	65	0	6	0	0	4	0	1	0	76	18:30	2	0	0	0	0	0	0	0	0	2
18:45	76	0	7	1	0	4	0	1	0	89	18:45	6	0	1	0	0	0	0	0	0	7
P/TOT	1072	5	82	18	6	79	0	7	5	1274	P/TOT	65	0	6	0	0	0	0	0	0	71

B4114\_Aston Church Road.xlsx WH10

NDC for  
Arup



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH10

DATE: 21/06/2012

SITE: WH10

DATE: 21/06/2012

LOCATION: B4114/Aston Church Rd Junction

DAY: THURSDAY

LOCATION: B4114/Aston Church Rd Junction

DAY: THURSDAY

C to B											C to A										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
07:00	0	0	0	0	0	0	0	0	0	0	07:00	1	0	0	0	0	0	0	0	0	3
07:15	0	0	0	0	0	0	0	0	0	0	07:15	2	0	0	0	0	0	0	0	0	2
07:30	0	0	0	0	0	0	0	0	0	0	07:30	6	0	0	0	0	0	0	0	0	6
07:45	0	0	1	0	0	0	0	0	0	1	07:45	5	0	0	0	0	0	0	0	0	5
08:00	0	0	0	0	0	0	0	0	0	0	08:00	8	0	2	0	0	0	0	0	0	10
08:15	0	0	0	0	0	0	0	0	0	0	08:15	13	0	5	0	0	0	0	0	0	18
08:30	2	0	0	0	0	0	0	0	0	2	08:30	19	0	1	0	0	0	0	0	0	20
08:45	7	0	0	0	0	0	0	0	0	7	08:45	14	0	3	1	0	0	0	0	0	18
09:00	1	0	1	0	0	0	0	0	0	2	09:00	10	0	0	0	0	0	0	0	0	10
09:15	2	0	0	0	0	0	0	0	0	2	09:15	5	0	1	0	0	0	0	0	1	7
09:30	1	0	1	0	0	0	0	0	0	2	09:30	13	0	0	0	0	0	0	0	0	13
09:45	1	0	0	0	0	0	0	0	0	1	09:45	1	0	0	0	0	0	0	0	0	1
P/TOT	14	0	3	0	0	0	0	0	0	17	P/TOT	97	0	12	1	0	0	0	0	3	113

C to B											C to A										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
16:00	3	0	1	0	0	0	0	0	0	4	16:00	16	0	5	0	0	0	0	0	0	21
16:15	4	0	0	0	0	0	0	0	0	4	16:15	16	0	0	0	0	0	0	0	0	16
16:30	2	0	0	0	0	0	0	0	0	2	16:30	14	0	0	0	0	0	0	0	0	14
16:45	3	0	0	0	0	0	0	0	0	3	16:45	11	0	3	0	0	0	0	0	0	14
17:00	1	0	0	0	0	0	0	0	0	1	17:00	16	0	0	0	0	0	0	0	0	16
17:15	4	0	0	0	0	0	0	0	0	4	17:15	14	0	4	0	0	0	0	0	0	18
17:30	2	0	0	0	0	0	0	0	0	2	17:30	23	0	0	0	0	0	0	0	0	23
17:45	8	0	1	0	0	0	0	0	0	9	17:45	13	0	1	0	0	0	0	0	0	14
18:00	4	0	0	0	0	0	0	0	0	4	18:00	16	0	1	0	0	0	0	0	0	17
18:15	2	0	2	0	0	0	0	0	0	4	18:15	17	0	3	0	0	0	0	0	0	20
18:30	4	0	0	0	0	0	0	0	0	4	18:30	4	0	0	0	0	0	0	0	0	4
18:45	2	0	1	0	0	0	0	0	0	3	18:45	9	0	0	0	0	0	0	0	0	9
P/TOT	39	0	5	0	0	0	0	0	0	44	P/TOT	169	0	17	0	0	0	0	0	0	186

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NDC for  
Arup



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH10

DATE: 21/06/2012

SITE: WH10

DATE: 21/06/2012

LOCATION: B4114/Aston Church Rd Junction

DAY: THURSDAY

LOCATION: B4114/Aston Church Rd Junction

DAY: THURSDAY

	C to D											D to C										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	
07:00	1	0	0	0	0	0	0	0	0	1	07:00	3	0	0	0	0	0	0	0	0	3	
07:15	3	0	1	0	0	0	0	0	0	4	07:15	3	0	0	0	0	0	0	0	0	3	
07:30	1	0	0	0	0	0	0	0	0	1	07:30	0	0	0	0	0	0	0	0	0	0	
07:45	1	0	0	0	0	0	0	0	0	1	07:45	0	0	1	0	0	0	0	0	0	1	
08:00	4	0	0	0	0	0	0	0	0	4	08:00	1	0	0	1	0	0	0	0	0	2	
08:15	8	0	1	0	0	0	0	0	0	9	08:15	2	0	1	0	0	0	0	0	0	3	
08:30	8	0	1	0	0	0	0	0	0	9	08:30	1	0	1	0	0	0	0	0	0	2	
08:45	5	0	1	0	0	0	0	0	0	6	08:45	11	0	0	0	0	0	0	0	0	11	
09:00	2	0	0	0	0	0	0	0	0	2	09:00	2	0	0	0	0	0	0	0	0	2	
09:15	5	0	0	0	0	0	0	0	0	5	09:15	5	0	0	0	0	0	0	0	0	5	
09:30	1	0	0	0	0	0	0	0	0	1	09:30	3	1	0	0	0	0	0	0	0	4	
09:45	1	0	0	0	0	0	0	0	0	1	09:45	4	0	2	1	0	0	0	0	0	7	
P/TOT	40	0	4	0	0	0	0	0	0	44	P/TOT	35	1	5	2	0	0	0	0	0	43	

	C to D											D to C										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	
16:00	4	0	0	0	0	0	0	0	0	4	16:00	8	0	3	0	0	0	0	0	0	0	11
16:15	7	0	1	0	0	0	0	0	0	8	16:15	7	0	0	0	0	0	0	0	0	0	7
16:30	11	0	0	0	0	0	0	0	0	11	16:30	6	0	0	0	0	0	0	0	0	0	6
16:45	2	0	0	0	0	0	0	0	0	2	16:45	8	0	0	0	0	0	0	0	0	0	8
17:00	3	0	0	0	0	0	0	0	0	3	17:00	11	0	0	0	0	0	0	0	0	0	11
17:15	8	0	1	0	0	0	0	0	0	9	17:15	9	0	0	0	0	0	0	0	0	0	9
17:30	5	0	2	0	0	0	0	0	0	7	17:30	5	0	1	0	0	0	0	0	0	0	6
17:45	9	0	0	0	0	0	0	0	0	9	17:45	5	0	0	0	0	0	0	0	0	0	5
18:00	9	0	1	0	0	0	0	0	0	10	18:00	7	0	3	0	0	0	0	0	0	0	10
18:15	8	0	0	0	0	0	0	0	0	8	18:15	6	0	2	0	0	0	0	0	0	0	8
18:30	6	0	0	0	0	0	0	0	0	6	18:30	9	0	1	0	0	0	0	0	0	0	10
18:45	2	0	2	0	0	0	0	0	0	4	18:45	10	0	0	0	0	0	0	0	0	0	10
P/TOT	74	0	7	0	0	0	0	0	0	81	P/TOT	91	0	10	0	0	0	0	0	0	0	101

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2111 / WEST MIDLANDS HS2  
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JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH10

DATE: 21/06/2012

SITE: WH10

DATE: 21/06/2012

LOCATION: B4114/Aston Church Rd Junction

DAY: THURSDAY

LOCATION: B4114/Aston Church Rd Junction

DAY: THURSDAY

	D to B											D to A										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	
07:00	32	0	9	3	1	6	0	0	0	51	07:00	47	0	7	0	0	0	0	0	0	1	55
07:15	52	0	6	4	2	8	0	1	0	73	07:15	46	0	7	1	0	0	0	0	0	1	55
07:30	70	0	10	3	1	4	0	2	0	90	07:30	57	0	16	0	0	0	0	0	0	73	
07:45	77	0	10	4	3	6	0	0	0	100	07:45	66	0	11	1	0	0	0	0	0	78	
08:00	95	1	10	0	0	9	0	0	1	116	08:00	75	0	15	3	0	0	0	0	0	93	
08:15	84	1	12	6	2	9	0	0	0	114	08:15	61	0	7	1	0	0	0	0	0	69	
08:30	66	1	9	3	1	6	0	0	2	88	08:30	56	0	5	1	0	0	0	0	0	62	
08:45	101	1	6	4	0	6	0	0	1	119	08:45	64	0	12	1	0	0	0	0	0	77	
09:00	62	1	8	3	1	10	0	0	0	85	09:00	56	0	11	2	0	0	0	0	1	70	
09:15	44	0	12	2	1	6	0	1	0	66	09:15	44	0	7	5	0	0	0	0	0	56	
09:30	60	0	9	5	2	7	0	2	0	85	09:30	36	0	8	3	1	0	0	0	0	48	
09:45	62	1	8	4	0	5	0	1	0	81	09:45	38	0	5	2	1	0	0	0	0	46	
P/TOT	805	6	109	41	14	82	0	7	4	1068	P/TOT	646	0	111	20	2	0	0	0	3	782	

D to B											D to A												
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT		
16:00	63	0	10	3	1	8	0	0	0	85	16:00	52	0	12	0	0	0	0	0	0	64		
16:15	63	2	5	4	4	8	0	0	0	86	16:15	47	0	5	1	0	0	0	0	0	53		
16:30	66	2	10	2	2	6	0	1	0	89	16:30	40	0	9	0	0	0	0	0	0	49		
16:45	51	2	7	2	2	5	0	0	0	69	16:45	54	0	3	1	0	0	0	0	0	58		
17:00	76	6	1	0	2	4	0	0	0	89	17:00	72	0	7	1	0	0	0	0	0	80		
17:15	65	2	6	0	0	7	0	0	0	80	17:15	53	1	8	1	0	1	0	0	0	64		
17:30	63	0	6	0	3	11	1	0	0	84	17:30	48	0	9	1	0	0	0	0	0	58		
17:45	55	1	9	2	0	8	0	0	0	75	17:45	38	0	2	1	0	1	0	0	0	42		
18:00	46	0	5	0	1	2	0	0	0	54	18:00	40	1	5	0	0	0	0	0	0	46		
18:15	77	0	8	0	1	8	0	2	0	96	18:15	52	0	3	0	0	0	0	0	0	55		
18:30	71	2	2	0	1	4	0	0	0	80	18:30	54	0	5	0	0	0	0	0	0	59		
18:45	52	0	4	0	0	5	0	0	0	61	18:45	39	0	0	0	0	0	0	0	0	39		
P/TOT	748	17	73	13	17	76	1	3	0	948	P/TOT	589	2	68	6	0	2	0	0	0	667		

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NDC for  
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2111 / WEST MIDLANDS HS2  
JUNE 2012  
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JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH10

DATE: 21/06/2012

SITE: WH10

DATE: 21/06/2012

LOCATION: B4114/Aston Church Rd Junction

DAY: THURSDAY

LOCATION: B4114/Aston Church Rd Junction

DAY: THURSDAY

TO ARM A											FROM ARM A											
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	
07:00	50	0	8	0	0	0	0	0	3	61	07:00	21	0	5	1	3	1	0	1	0	32	
07:15	49	0	7	1	0	0	0	0	1	58	07:15	30	0	8	3	0	0	0	0	0	41	
07:30	65	0	17	0	0	0	0	0	0	82	07:30	32	0	7	4	0	0	1	0	0	44	
07:45	73	0	13	2	0	0	0	0	0	88	07:45	24	0	7	5	0	0	0	0	0	36	
08:00	87	0	19	4	0	0	0	0	0	110	08:00	55	0	4	5	1	0	0	0	0	65	
08:15	78	0	14	1	0	0	0	0	0	93	08:15	49	0	4	3	2	0	2	0	0	60	
08:30	78	0	7	2	0	0	0	0	0	87	08:30	62	0	8	5	1	0	0	0	0	76	
08:45	82	0	16	2	0	0	0	0	0	100	08:45	48	0	7	3	0	0	1	0	0	59	
09:00	67	0	12	2	0	0	0	0	1	82	09:00	46	1	10	1	1	1	0	0	0	60	
09:15	49	0	9	5	0	0	0	0	1	64	09:15	40	0	9	3	0	0	1	0	0	53	
09:30	50	0	9	3	1	0	0	0	0	63	09:30	31	0	11	3	4	0	0	0	0	49	
09:45	42	0	7	3	1	0	0	0	0	53	09:45	36	0	9	3	3	0	0	0	0	51	
P/TOT	770	0	138	25	2	0	0	0	6	941	P/TOT	474	1	89	39	15	2	5	1	0	626	

	TO ARM A											FROM ARM A										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	
16:00	78	0	18	0	0	0	0	0	0	96	16:00	75	0	19	0	0	0	0	0	0	94	
16:15	72	0	6	1	0	0	0	0	0	79	16:15	63	0	13	4	0	0	0	0	0	80	
16:30	64	0	9	0	0	0	0	0	0	73	16:30	75	1	9	1	1	0	0	0	0	87	
16:45	68	0	7	2	0	0	0	0	0	77	16:45	100	2	10	2	0	0	0	0	0	114	
17:00	94	0	7	1	0	0	0	0	0	102	17:00	80	3	5	3	0	0	0	0	0	91	
17:15	73	1	12	1	0	1	0	0	0	88	17:15	83	0	9	2	0	0	0	0	0	94	
17:30	74	0	10	1	0	0	0	0	0	85	17:30	90	0	6	0	0	0	0	0	2	98	
17:45	55	0	3	1	0	1	0	0	0	60	17:45	70	0	6	3	1	0	0	0	0	80	
18:00	65	1	6	0	0	0	0	0	0	72	18:00	76	1	10	2	0	0	0	0	0	89	
18:15	76	0	6	0	0	0	0	0	0	82	18:15	70	2	8	0	0	0	0	0	0	80	
18:30	66	0	6	0	0	0	0	0	0	72	18:30	61	2	3	0	0	0	0	0	0	66	
18:45	50	0	0	0	0	0	0	0	0	50	18:45	57	0	6	1	1	1	0	0	0	66	
P/TOT	835	2	90	7	0	2	0	0	0	936	P/TOT	900	11	104	18	3	1	0	0	2	1039	

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SITE: WH10

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LOCATION: B4114/Aston Church Rd Junction

DAY: THURSDAY

LOCATION: B4114/Aston Church Rd Junction

DAY: THURSDAY

	TO ARM B											FROM ARM B										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	
07:00	33	0	9	3	3	6	0	0	0	54	07:00	12	0	5	1	1	7	0	0	0	26	
07:15	52	0	7	4	2	8	0	1	0	74	07:15	18	0	3	2	2	8	0	0	1	34	
07:30	70	0	10	3	1	4	0	2	0	90	07:30	23	0	14	5	0	8	0	0	0	50	
07:45	77	0	11	6	3	6	0	0	0	103	07:45	33	2	11	1	3	7	0	0	0	57	
08:00	97	1	10	0	1	9	0	0	1	119	08:00	43	0	14	3	1	3	0	0	0	64	
08:15	87	1	13	6	3	9	2	0	0	121	08:15	58	2	16	6	0	10	0	0	0	92	
08:30	75	1	10	4	1	6	0	0	2	99	08:30	69	0	7	5	2	9	0	0	0	92	
08:45	110	1	8	5	0	6	0	0	1	131	08:45	61	0	12	4	0	8	1	0	0	86	
09:00	64	1	9	3	2	10	0	0	0	89	09:00	54	0	7	0	1	7	0	0	0	69	
09:15	47	0	12	3	1	6	0	1	0	70	09:15	51	0	11	4	2	6	0	0	0	74	
09:30	61	0	12	5	4	7	0	2	0	91	09:30	41	0	12	7	3	5	0	0	0	68	
09:45	66	1	8	4	2	5	0	1	0	87	09:45	55	0	14	4	1	7	0	0	0	81	
P/TOT	839	6	119	46	23	82	2	7	4	1128	P/TOT	518	4	126	42	16	85	1	0	1	793	

TO ARM B											FROM ARM B												
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT		
16:00	70	0	13	3	1	8	0	0	0	95	16:00	111	2	5	5	1	8	0	1	0	133		
16:15	70	2	5	5	4	8	0	0	0	94	16:15	109	1	12	2	0	9	0	0	0	133		
16:30	70	2	10	2	2	6	0	1	0	93	16:30	111	0	9	2	1	6	0	1	0	130		
16:45	55	2	8	2	2	5	0	0	0	74	16:45	86	2	14	1	0	6	0	0	0	109		
17:00	78	6	2	0	2	4	0	0	0	92	17:00	124	0	8	0	0	9	0	1	3	145		
17:15	72	2	6	0	0	7	0	0	0	87	17:15	83	0	11	1	1	5	0	1	1	103		
17:30	69	0	6	0	3	11	1	0	0	90	17:30	122	0	6	5	2	5	0	0	1	141		
17:45	65	1	10	2	0	8	0	0	0	86	17:45	94	0	5	1	1	9	0	0	0	110		
18:00	54	0	5	0	1	2	0	0	0	62	18:00	122	0	5	0	0	9	0	0	0	136		
18:15	85	0	10	0	1	8	0	2	0	106	18:15	93	0	3	1	0	5	0	1	0	103		
18:30	79	2	3	0	1	4	0	0	0	89	18:30	75	0	7	0	0	4	0	1	0	87		
18:45	59	0	5	0	1	5	0	0	0	70	18:45	84	0	8	1	0	4	0	1	0	98		
P/TOT	826	17	83	14	18	76	1	3	0	1038	P/TOT	1214	5	93	19	6	79	0	7	5	1428		

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TO ARM C											FROM ARM C											
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	
07:00	10	0	3	1	0	0	0	0	0	14	07:00	2	0	0	0	0	0	0	0	0	2	4
07:15	10	0	1	1	0	0	0	0	0	12	07:15	5	0	1	0	0	0	0	0	0	0	6
07:30	10	0	2	1	0	0	0	0	0	13	07:30	7	0	0	0	0	0	0	0	0	0	7
07:45	5	0	4	0	0	0	0	0	0	9	07:45	6	0	1	0	0	0	0	0	0	0	7
08:00	13	0	2	3	0	0	0	0	0	18	08:00	12	0	2	0	0	0	0	0	0	0	14
08:15	18	0	3	0	0	0	0	0	0	21	08:15	21	0	6	0	0	0	0	0	0	0	27
08:30	21	0	2	0	0	0	0	0	0	23	08:30	29	0	2	0	0	0	0	0	0	0	31
08:45	35	0	2	0	0	0	0	0	0	37	08:45	26	0	4	1	0	0	0	0	0	0	31
09:00	16	0	3	1	0	0	0	0	0	20	09:00	13	0	1	0	0	0	0	0	0	0	14
09:15	19	0	4	1	0	0	0	0	0	24	09:15	12	0	1	0	0	0	0	0	0	1	14
09:30	13	1	2	0	1	0	0	0	0	17	09:30	15	0	1	0	0	0	0	0	0	0	16
09:45	12	0	6	1	0	0	0	0	0	19	09:45	3	0	0	0	0	0	0	0	0	0	3
P/TOT	182	1	34	9	1	0	0	0	0	227	P/TOT	151	0	19	1	0	0	0	0	0	3	174

	TO ARM C											FROM ARM C										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	
16:00	35	0	5	0	0	0	0	0	0	40	16:00	23	0	6	0	0	0	0	0	0	0	29
16:15	25	0	4	0	0	0	0	0	0	29	16:15	27	0	1	0	0	0	0	0	0	0	28
16:30	38	0	0	0	0	0	0	0	0	38	16:30	27	0	0	0	0	0	0	0	0	0	27
16:45	36	0	3	0	0	0	0	0	0	39	16:45	16	0	3	0	0	0	0	0	0	0	19
17:00	38	1	1	0	0	0	0	0	0	40	17:00	20	0	0	0	0	0	0	0	0	0	20
17:15	38	0	2	0	0	0	0	0	0	40	17:15	26	0	5	0	0	0	0	0	0	0	31
17:30	36	0	3	0	0	0	0	0	2	41	17:30	30	0	2	0	0	0	0	0	0	0	32
17:45	44	0	5	1	0	0	0	0	0	50	17:45	30	0	2	0	0	0	0	0	0	0	32
18:00	31	0	5	0	0	0	0	0	0	36	18:00	29	0	2	0	0	0	0	0	0	0	31
18:15	34	0	2	0	0	0	0	0	0	36	18:15	27	0	5	0	0	0	0	0	0	0	32
18:30	26	0	2	0	0	0	0	0	0	28	18:30	14	0	0	0	0	0	0	0	0	0	14
18:45	29	0	3	0	0	0	0	0	0	32	18:45	13	0	3	0	0	0	0	0	0	0	16
P/TOT	410	1	35	1	0	0	0	0	2	449	P/TOT	282	0	29	0	0	0	0	0	0	0	311

B4114\_Aston Church Road.xlsx WH10

NDC for  
Arup



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH10

DATE: 21/06/2012

SITE: WH10

DATE: 21/06/2012

LOCATION: B4114/Aston Church Rd Junction

DAY: THURSDAY

LOCATION: B4114/Aston Church Rd Junction

DAY: THURSDAY

	TO ARM D											FROM ARM D										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	
07:00	24	0	6	1	2	8	0	1	0	42	07:00	82	0	16	3	1	6	0	0	1	109	
07:15	43	0	10	4	2	8	0	0	1	68	07:15	101	0	13	5	2	8	0	1	1	131	
07:30	44	0	18	8	0	8	1	0	0	79	07:30	127	0	26	3	1	4	0	2	0	163	
07:45	51	2	13	3	3	7	0	0	0	79	07:45	143	0	22	5	3	6	0	0	0	179	
08:00	84	0	14	5	1	3	0	0	0	107	08:00	171	1	25	4	0	9	0	0	1	211	
08:15	92	2	16	9	1	10	0	0	0	130	08:15	147	1	20	7	2	9	0	0	0	186	
08:30	109	0	13	8	3	9	0	0	0	142	08:30	123	1	15	4	1	6	0	0	2	152	
08:45	84	0	15	6	0	8	2	0	0	115	08:45	176	1	18	5	0	6	0	0	1	207	
09:00	86	1	13	0	1	8	0	0	0	109	09:00	120	1	19	5	1	10	0	0	1	157	
09:15	81	0	15	5	2	6	1	0	0	110	09:15	93	0	19	7	1	6	0	1	0	127	
09:30	62	0	18	10	4	5	0	0	0	99	09:30	99	1	17	8	3	7	0	2	0	137	
09:45	78	0	17	6	2	7	0	0	0	110	09:45	104	1	15	7	1	5	0	1	0	134	
P/TOT	838	5	168	65	21	87	4	1	1	1190	P/TOT	1486	7	225	63	16	82	0	7	7	1893	

TO ARM D											FROM ARM D											
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	
16:00	149	2	19	5	1	8	0	1	0	185	16:00	123	0	25	3	1	8	0	0	0	160	
16:15	149	1	21	5	0	9	0	0	0	185	16:15	117	2	10	5	4	8	0	0	0	146	
16:30	153	1	18	3	2	6	0	1	0	184	16:30	112	2	19	2	2	6	0	1	0	144	
16:45	156	4	19	2	0	6	0	0	0	187	16:45	113	2	10	3	2	5	0	0	0	135	
17:00	173	2	11	3	0	9	0	1	3	202	17:00	159	6	8	1	2	4	0	0	0	180	
17:15	136	0	19	3	1	5	0	1	1	166	17:15	127	3	14	1	0	8	0	0	0	153	
17:30	179	0	11	5	2	5	0	0	1	203	17:30	116	0	16	1	3	11	1	0	0	148	
17:45	128	0	6	3	2	9	0	0	0	148	17:45	98	1	11	3	0	9	0	0	0	122	
18:00	170	1	14	2	0	9	0	0	0	196	18:00	93	1	13	0	1	2	0	0	0	110	
18:15	130	2	11	1	0	5	0	1	0	150	18:15	135	0	13	0	1	8	0	2	0	159	
18:30	113	2	7	0	0	4	0	1	0	127	18:30	134	2	8	0	1	4	0	0	0	149	
18:45	117	0	13	2	0	5	0	1	0	138	18:45	101	0	4	0	0	5	0	0	0	110	
P/TOT	1753	15	169	34	8	80	0	7	5	2071	P/TOT	1428	19	151	19	17	78	1	3	0	1716	

B4114\_Aston Church Road.xlsx WH10

NDC for  
Arup

SITE: WH10

DATE: 21/06/2012

LOCATION: B4114/Aston Church Rd Junction

DAY: THURSDAY

TIME	JUNCTION TOTAL									TOT
	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
07:00	117	0	26	5	5	14	0	1	3	171
07:15	154	0	25	10	4	16	0	1	2	212
07:30	189	0	47	12	1	12	1	2	0	264
07:45	206	2	41	11	6	13	0	0	0	279
08:00	281	1	45	12	2	12	0	0	1	354
08:15	275	3	46	16	4	19	2	0	0	365
08:30	283	1	32	14	4	15	0	0	2	351
08:45	311	1	41	13	0	14	2	0	1	383
09:00	233	2	37	6	3	18	0	0	1	300
09:15	196	0	40	14	3	12	1	1	1	268
09:30	186	1	41	18	10	12	0	2	0	270
09:45	198	1	38	14	5	12	0	1	0	269
<b>P/TOT</b>	<b>2629</b>	<b>12</b>	<b>459</b>	<b>145</b>	<b>47</b>	<b>169</b>	<b>6</b>	<b>8</b>	<b>11</b>	<b>3486</b>

PEAK HOUR CALCULATION	
07:00 to 08:00	926
07:15 to 08:15	1109
07:30 to 08:30	1262
07:45 to 08:45	1349
08:00 to 09:00	<b>1453</b>
08:15 to 09:15	1399
08:30 to 09:30	1302
08:45 to 09:45	1221
09:00 to 10:00	1107
<b>PEAK VALUE</b>	<b>1453</b>

TIME	JUNCTION TOTAL									TOT
	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
16:00	332	2	55	8	2	16	0	1	0	416
16:15	316	3	36	11	4	17	0	0	0	387
16:30	325	3	37	5	4	12	0	2	0	388
16:45	315	6	37	6	2	11	0	0	0	377
17:00	383	9	21	4	2	13	0	1	3	436
17:15	319	3	39	4	1	13	0	1	1	381
17:30	358	0	30	6	5	16	1	0	3	419
17:45	292	1	24	7	2	18	0	0	0	344
18:00	320	2	30	2	1	11	0	0	0	366
18:15	325	2	29	1	1	13	0	3	0	374
18:30	284	4	18	0	1	8	0	1	0	316
18:45	255	0	21	2	1	10	0	1	0	290
<b>P/TOT</b>	<b>3824</b>	<b>35</b>	<b>377</b>	<b>56</b>	<b>26</b>	<b>158</b>	<b>1</b>	<b>10</b>	<b>7</b>	<b>4494</b>

PEAK HOUR CALCULATION	
16:00 to 17:00	1568
16:15 to 17:15	1588
16:30 to 17:30	1582
16:45 to 17:45	<b>1613</b>
17:00 to 18:00	1580
17:15 to 18:15	1510
17:30 to 18:30	1503
17:45 to 18:45	1400
18:00 to 19:00	1346
<b>PEAK VALUE</b>	<b>1613</b>





2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH12

DATE: 21/06/2012

SITE: WH12

DATE: 21/06/2012

LOCATION: Adderley Rd/Duddeston Mill Rd/Ash Ford Jnc DAY: THURSDAY

LOCATION: Adderley Rd/Duddeston Mill Rd/Ash Ford Jnc DAY: THURSDAY

A to D											A to C										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
07:00	8	0	1	2	1	3	0	0	0	15	07:00	11	0	2	0	3	0	0	0	0	16
07:15	9	0	1	1	0	1	0	0	0	12	07:15	10	0	3	1	3	0	0	0	0	17
07:30	18	0	1	0	1	2	0	0	0	22	07:30	16	0	6	3	1	0	0	0	0	26
07:45	19	1	0	1	0	1	0	0	0	22	07:45	19	0	7	1	5	0	0	0	0	32
08:00	25	0	5	2	1	2	0	0	0	35	08:00	26	0	3	1	1	0	0	0	0	31
08:15	23	0	7	0	2	1	0	0	0	33	08:15	19	0	3	2	4	0	0	0	0	28
08:30	16	0	6	2	1	1	0	0	0	26	08:30	27	0	5	4	1	0	0	0	0	37
08:45	29	0	5	3	0	1	0	0	0	38	08:45	26	0	8	3	4	0	0	0	0	41
09:00	24	1	6	3	2	2	0	0	0	38	09:00	16	0	8	2	11	0	0	0	0	37
09:15	14	0	3	2	1	1	0	0	0	21	09:15	20	0	6	2	1	0	0	2	0	31
09:30	23	0	7	2	1	2	0	0	0	35	09:30	12	0	0	4	4	0	0	0	0	20
09:45	20	0	7	2	1	1	0	0	0	31	09:45	22	0	6	2	4	0	0	0	0	34
P/TOT	228	2	49	20	11	18	0	0	0	328	P/TOT	224	0	57	25	42	0	0	2	0	350

A to D											A to C																					
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
16:00	27	2	6	2	0	1	0	0	0	38	16:00	18	0	1	3	1	0	0	0	0	23	16:00	18	0	1	3	1	0	0	0	0	23
16:15	35	0	1	4	0	1	0	0	0	41	16:15	24	0	3	4	4	0	0	0	0	35	16:15	24	0	3	4	4	0	0	0	0	35
16:30	40	0	3	0	1	1	0	0	0	45	16:30	21	0	5	3	0	1	0	0	0	30	16:30	21	0	5	3	0	1	0	0	0	30
16:45	43	0	1	2	0	2	0	0	0	48	16:45	20	0	1	2	4	0	0	0	0	27	16:45	20	0	1	2	4	0	0	0	0	27
17:00	44	0	8	0	0	0	0	0	1	53	17:00	12	0	3	0	4	0	0	0	0	19	17:00	12	0	3	0	4	0	0	0	0	19
17:15	35	0	3	0	0	2	0	0	0	40	17:15	22	0	1	0	0	0	0	0	0	23	17:15	22	0	1	0	0	0	0	0	0	23
17:30	38	0	2	1	0	1	0	0	0	42	17:30	21	0	2	1	1	0	0	0	0	25	17:30	21	0	2	1	1	0	0	0	0	25
17:45	42	0	1	0	0	1	0	0	0	44	17:45	19	0	1	1	0	0	0	0	0	21	17:45	19	0	1	1	0	0	0	0	0	21
18:00	26	1	2	2	0	1	0	0	0	32	18:00	20	0	0	0	0	0	0	0	0	20	18:00	20	0	0	0	0	0	0	0	0	20
18:15	20	0	2	1	0	3	0	0	0	26	18:15	22	0	0	0	0	0	0	0	0	22	18:15	22	0	0	0	0	0	0	0	0	22
18:30	32	0	0	1	0	2	0	0	0	35	18:30	25	1	1	1	0	0	0	0	0	28	18:30	25	1	1	1	0	0	0	0	0	28
18:45	24	0	4	1	0	1	0	0	0	30	18:45	18	0	3	0	0	0	0	0	0	21	18:45	18	0	3	0	0	0	0	0	0	21
P/TOT	406	3	33	14	1	16	0	0	1	474	P/TOT	242	1	21	15	14	1	0	0	0	294	P/TOT	242	1	21	15	14	1	0	0	0	294

Adderley RoadDuddeston Mill Road.xlsx WH12

NDC for  
Arup



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH12

DATE: 21/06/2012

SITE: WH12

DATE: 21/06/2012

LOCATION: Adderley Rd/Duddeston Mill Rd/Ash Ford Jnc DAY: THURSDAY

LOCATION: Adderley Rd/Duddeston Mill Rd/Ash Ford Jnc DAY: THURSDAY

A to B											B to A																					
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
07:00	8	0	3	0	0	0	0	0	0	11	07:00	2	0	2	0	0	0	0	0	0	4	07:00	2	0	2	0	0	0	0	0	0	4
07:15	13	0	2	2	1	0	0	0	0	18	07:15	2	0	2	1	2	0	0	0	0	7	07:15	2	0	2	1	2	0	0	0	0	7
07:30	9	0	4	0	0	0	0	0	0	13	07:30	3	0	1	0	0	0	0	0	0	4	07:30	3	0	1	0	0	0	0	0	0	4
07:45	24	0	3	1	0	0	0	0	0	28	07:45	7	0	4	0	0	0	0	0	0	11	07:45	7	0	4	0	0	0	0	0	0	11
08:00	12	0	4	0	1	1	0	0	0	18	08:00	8	0	1	1	2	0	0	0	0	12	08:00	8	0	1	1	2	0	0	0	0	12
08:15	15	0	2	0	2	0	0	0	0	19	08:15	12	0	5	4	0	0	0	0	0	21	08:15	12	0	5	4	0	0	0	0	0	21
08:30	25	0	0	0	2	0	0	0	0	27	08:30	13	0	1	0	0	0	0	0	0	14	08:30	13	0	1	0	0	0	0	0	0	14
08:45	8	0	0	2	0	0	0	0	0	10	08:45	9	0	2	1	0	0	0	0	0	12	08:45	9	0	2	1	0	0	0	0	0	12
09:00	9	0	2	0	3	0	0	0	0	14	09:00	14	0	4	0	2	0	0	0	0	20	09:00	14	0	4	0	2	0	0	0	0	20
09:15	4	0	2	0	0	0	0	0	0	6	09:15	15	0	2	2	1	0	0	0	0	20	09:15	15	0	2	2	1	0	0	0	0	20
09:30	4	0	0	0	1	0	0	0	0	5	09:30	7	0	2	1	1	0	0	0	0	11	09:30	7	0	2	1	1	0	0	0	0	11
09:45	2	0	2	1	0	0	0	0	0	5	09:45	5	0	3	0	4	0	0	0	0	12	09:45	5	0	3	0	4	0	0	0	0	12
P/TOT	133	0	24	6	10	1	0	0	0	174	P/TOT	97	0	29	10	12	0	0	0	0	148	P/TOT	97	0	29	10	12	0	0	0	0	148

A to B											B to A											
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	
16:00	11	0	3	0	0	0	0	0	0	14	16:00	27	0	2	1	0	0	0	0	0	30	
16:15	11	0	1	0	1	0	0	0	0	13	16:15	14	0	3	2	0	0	0	0	0	19	
16:30	6	0	1	0	0	0	0	0	0	7	16:30	27	0	1	1	2	0	0	0	0	31	
16:45	5	0	4	0	0	0	0	0	0	9	16:45	21	0	2	1	1	0	0	0	0	25	
17:00	5	0	0	0	0	0	0	0	0	5	17:00	22	0	5	1	0	0	0	0	0	28	
17:15	11	0	0	1	0	0	0	0	0	12	17:15	23	0	2	0	0	0	0	0	0	25	
17:30	2	0	1	0	0	0	0	0	0	3	17:30	16	0	1	0	1	0	0	0	0	18	
17:45	5	0	1	1	0	0	0	0	0	7	17:45	19	0	1	0	0	0	0	0	0	20	
18:00	4	0	2	0	2	0	0	0	0	8	18:00	17	0	0	0	0	0	0	0	0	17	
18:15	6	0	1	0	0	0	0	0	0	7	18:15	8	0	1	0	0	0	0	0	0	9	
18:30	6	0	3	1	1	0	0	1	0	12	18:30	15	0	4	0	0	0	0	0	0	19	
18:45	4	0	0	0	0	0	0	0	0	4	18:45	15	0	3	0	0	0	0	0	0	18	
P/TOT	76	0	17	3	4	0	0	1	0	101	P/TOT	224	0	25	6	4	0	0	0	0	259	



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH12

DATE: 21/06/2012

SITE: WH12

DATE: 21/06/2012

LOCATION: Adderley Rd/Duddeston Mill Rd/Ash Ford Jnc DAY: THURSDAY

LOCATION: Adderley Rd/Duddeston Mill Rd/Ash Ford Jnc DAY: THURSDAY

B to D											B to C										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
07:00	5	0	5	0	0	0	0	0	0	10	07:00	6	0	0	0	0	0	0	0	0	6
07:15	5	0	4	0	1	0	0	0	0	10	07:15	10	0	0	0	0	0	0	0	0	10
07:30	11	0	4	3	3	0	0	1	0	22	07:30	5	0	2	0	1	0	0	0	0	8
07:45	18	0	4	1	1	0	0	0	0	24	07:45	12	0	1	1	0	0	0	1	0	15
08:00	30	0	4	1	0	0	0	0	0	35	08:00	11	0	4	2	0	0	0	0	0	17
08:15	41	0	3	2	0	0	0	0	0	46	08:15	19	0	5	1	0	0	0	0	1	26
08:30	45	0	7	3	0	0	0	0	0	55	08:30	16	0	2	1	0	0	0	0	0	19
08:45	34	0	6	5	0	0	0	0	0	45	08:45	13	0	6	0	0	0	0	0	0	19
09:00	40	0	11	2	0	0	0	0	0	53	09:00	11	0	2	0	0	0	0	0	0	13
09:15	16	0	8	1	0	0	0	0	0	25	09:15	2	0	1	0	0	0	0	0	0	3
09:30	16	0	5	3	2	0	0	0	1	27	09:30	3	0	3	1	0	0	0	0	0	7
09:45	21	0	3	2	0	0	0	0	0	26	09:45	8	0	1	2	0	0	0	0	0	11
P/TOT	282	0	64	23	7	0	0	1	1	378	P/TOT	116	0	27	8	1	0	0	1	1	154

B to D											B to C										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
16:00	43	0	13	1	0	0	0	1	0	58	16:00	5	1	1	1	0	0	0	0	0	9
16:15	39	0	8	1	0	0	0	1	1	50	16:15	7	0	1	0	1	0	0	0	0	9
16:30	40	1	12	0	0	0	0	0	0	53	16:30	6	0	1	1	0	0	0	0	0	8
16:45	58	0	11	0	0	0	0	0	1	70	16:45	13	1	1	1	0	0	0	0	0	16
17:00	59	1	9	1	0	0	0	0	1	71	17:00	15	0	1	1	0	0	0	1	0	18
17:15	55	0	4	2	0	0	0	0	1	62	17:15	9	1	3	0	0	0	0	0	0	13
17:30	51	0	5	0	0	0	0	0	0	56	17:30	9	1	1	0	0	0	0	0	0	11
17:45	42	0	1	0	0	0	0	0	0	43	17:45	8	0	2	0	0	0	0	0	0	10
18:00	46	0	7	0	0	0	0	1	0	54	18:00	6	0	3	0	1	0	0	0	0	10
18:15	34	1	3	0	0	0	0	0	0	38	18:15	3	0	1	0	0	0	0	0	0	4
18:30	28	0	4	0	0	0	0	0	0	32	18:30	8	0	0	1	0	0	0	0	0	9
18:45	20	0	2	0	0	0	0	0	0	22	18:45	1	0	0	1	0	0	0	0	0	2
P/TOT	515	3	79	5	0	0	0	3	4	609	P/TOT	90	4	15	6	3	0	0	1	0	119

Adderley RoadDuddeston Mill Road.xlsx WH12

NDC for  
Arup



2111 / WEST MIDLANDS HS2  
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2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH12

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LOCATION: Adderley Rd/Duddeston Mill Rd/Ash Ford Jnc DAY: THURSDAY

LOCATION: Adderley Rd/Duddeston Mill Rd/Ash Ford Jnc DAY: THURSDAY

C to B											C to A										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
07:00	4	0	1	1	0	0	0	0	1	7	07:00	3	0	1	0	5	0	0	0	0	9
07:15	9	0	0	0	0	0	0	0	0	9	07:15	4	0	3	2	4	0	0	0	0	13
07:30	5	0	2	1	0	0	0	0	0	8	07:30	7	0	1	3	6	0	0	0	0	17
07:45	15	0	2	0	1	0	0	0	0	18	07:45	10	0	1	1	6	0	0	0	0	18
08:00	26	1	3	0	0	0	0	0	0	30	08:00	8	0	4	2	5	0	0	0	0	19
08:15	39	0	6	1	0	0	0	0	0	46	08:15	12	3	3	3	2	0	0	0	0	23
08:30	36	0	3	1	0	0	0	0	0	40	08:30	14	0	1	5	3	0	0	0	0	23
08:45	37	0	2	0	2	0	0	0	0	41	08:45	22	0	2	1	2	0	0	0	0	27
09:00	25	0	1	1	1	0	0	0	0	28	09:00	9	0	2	2	2	0	0	0	0	15
09:15	12	0	2	0	1	0	0	0	0	15	09:15	7	0	10	1	5	0	0	0	0	23
09:30	8	0	2	1	0	0	0	0	0	11	09:30	6	0	3	0	3	0	0	0	1	13
09:45	11	0	5	2	1	0	0	0	0	19	09:45	8	0	4	2	3	0	0	0	0	17
P/TOT	227	1	29	8	6	0	0	0	1	272	P/TOT	110	3	35	22	46	0	0	0	1	217

C to B											C to A										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
16:00	18	0	2	0	1	0	0	0	1	22	16:00	32	0	9	2	3	0	0	1	0	47
16:15	25	0	8	0	0	0	0	0	0	33	16:15	32	0	7	1	0	0	0	0	0	40
16:30	24	0	6	0	2	0	0	0	0	32	16:30	43	0	4	0	3	0	0	0	0	50
16:45	11	0	6	1	1	0	0	0	0	19	16:45	25	0	9	2	2	0	0	0	0	38
17:00	20	0	2	1	0	0	0	0	0	23	17:00	42	0	4	1	2	0	0	0	0	49
17:15	18	1	4	0	0	0	0	0	1	24	17:15	25	0	5	2	0	0	0	1	0	33
17:30	19	0	1	1	1	0	0	0	0	22	17:30	27	0	1	0	1	0	0	0	0	29
17:45	13	0	1	0	1	0	0	0	0	15	17:45	30	0	1	1	1	0	0	0	0	33
18:00	19	0	2	0	0	0	0	0	0	21	18:00	27	0	2	0	0	0	0	0	0	29
18:15	12	0	2	0	0	0	0	0	0	14	18:15	20	0	1	0	1	0	0	0	0	22
18:30	10	0	0	0	0	0	0	0	0	10	18:30	16	0	1	0	0	0	0	0	0	17
18:45	7	0	0	0	0	0	0	0	0	7	18:45	11	0	1	1	0	0	0	0	0	13
P/TOT	196	1	34	3	6	0	0	1	1	242	P/TOT	330	0	45	10	13	0	0	2	0	400

Adderley RoadDuddeston Mill Road.xlsx WH12

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SITE: WH12

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LOCATION: Adderley Rd/Duddeston Mill Rd/Ash Ford Jnc DAY: THURSDAY

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C to D											D to C										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
07:00	0	0	0	0	0	0	0	0	0	0	07:00	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	07:15	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	07:30	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	07:45	1	0	0	0	0	0	0	0	0	1
08:00	0	0	1	0	0	0	0	0	0	1	08:00	1	0	0	0	0	0	0	0	0	1
08:15	1	0	0	0	0	0	0	0	0	1	08:15	0	0	0	0	0	0	0	0	0	0
08:30	4	1	0	0	0	0	0	0	0	5	08:30	4	0	0	0	0	0	0	0	0	4
08:45	8	0	0	1	0	0	0	0	0	9	08:45	4	0	0	0	0	0	0	0	0	4
09:00	0	0	0	0	0	0	0	0	0	0	09:00	1	0	0	0	0	0	0	0	0	1
09:15	1	0	1	0	0	0	0	0	0	2	09:15	1	0	0	0	0	0	0	0	0	1
09:30	0	0	0	0	0	0	0	0	0	0	09:30	0	0	0	0	0	0	0	0	0	0
09:45	1	0	1	0	0	0	0	0	0	2	09:45	1	0	1	0	1	0	0	0	0	3
P/TOT	15	1	3	1	0	0	0	0	0	20	P/TOT	13	0	1	0	1	0	0	0	0	15

C to D											D to C										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
16:00	2	0	0	0	0	0	0	0	0	2	16:00	0	0	1	0	0	0	0	0	0	1
16:15	0	0	0	0	0	0	0	0	0	0	16:15	0	0	1	0	0	0	0	0	0	1
16:30	2	0	0	0	0	0	0	0	0	2	16:30	1	0	1	0	0	0	0	0	0	2
16:45	1	0	0	0	0	0	0	0	0	1	16:45	0	0	0	0	0	0	0	0	0	0
17:00	1	0	1	0	0	0	0	0	0	2	17:00	1	0	0	0	0	0	0	0	0	1
17:15	2	0	0	0	0	0	0	0	0	2	17:15	1	0	0	0	0	0	0	0	0	1
17:30	3	0	0	0	0	0	0	0	0	3	17:30	1	0	0	0	0	0	0	0	0	1
17:45	1	0	0	0	0	0	0	0	0	1	17:45	0	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	0	18:00	1	0	0	0	0	0	0	0	0	1
18:15	1	0	1	0	0	0	0	0	0	2	18:15	2	0	0	0	0	0	0	0	0	2
18:30	0	0	0	0	0	0	0	0	0	0	18:30	7	0	0	0	0	0	0	0	0	7
18:45	4	0	0	0	0	0	0	0	0	4	18:45	7	0	0	0	0	0	0	0	0	7
P/TOT	17	0	2	0	0	0	0	0	0	19	P/TOT	21	0	3	0	0	0	0	0	0	24

Adderley RoadDuddeston Mill Road.xlsx WH12

NDC for  
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SITE: WH12

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LOCATION: Adderley Rd/Duddeston Mill Rd/Ash Ford Jnc DAY: THURSDAY

LOCATION: Adderley Rd/Duddeston Mill Rd/Ash Ford Jnc DAY: THURSDAY

D to B											D to A										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
07:00	11	0	0	0	0	0	0	0	0	11	07:00	5	0	5	3	0	2	0	0	0	15
07:15	14	0	5	2	1	0	0	0	0	22	07:15	9	0	4	3	0	3	0	0	0	19
07:30	17	0	6	3	0	0	0	0	0	26	07:30	8	0	8	4	2	2	0	0	0	24
07:45	21	0	10	0	1	0	0	0	0	32	07:45	17	0	3	4	0	1	0	0	0	25
08:00	26	0	9	0	0	0	0	0	0	35	08:00	13	0	5	3	1	1	0	0	0	23
08:15	38	0	9	0	0	0	0	0	0	47	08:15	20	0	5	3	0	1	1	0	0	30
08:30	32	0	1	0	0	0	0	0	0	33	08:30	17	0	3	2	2	2	0	0	0	26
08:45	33	1	2	3	1	0	0	0	0	40	08:45	19	0	13	1	1	1	0	0	0	35
09:00	12	0	6	0	2	0	0	0	0	20	09:00	25	0	7	1	2	2	0	0	0	37
09:15	23	1	4	2	0	0	0	0	0	30	09:15	20	0	7	7	3	1	0	0	0	38
09:30	12	0	7	1	0	0	0	0	0	20	09:30	11	0	10	5	1	1	0	0	0	28
09:45	15	1	2	1	1	0	0	0	0	20	09:45	27	1	6	4	2	1	0	0	0	41
P/TOT	254	3	61	12	6	0	0	0	0	336	P/TOT	191	1	76	40	14	18	1	0	0	341

D to B											D to A										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
16:00	17	0	9	0	0	0	0	0	0	26	16:00	42	0	8	3	0	2	1	0	0	56
16:15	22	1	7	0	0	0	0	0	0	30	16:15	42	0	9	2	0	0	3	0	0	56
16:30	26	0	6	0	0	0	0	0	0	32	16:30	42	0	5	1	0	1	0	0	0	49
16:45	15	0	4	1	1	0	0	0	0	21	16:45	49	1	6	2	0	1	0	0	0	59
17:00	23	0	4	0	1	0	0	0	0	28	17:00	35	0	7	2	1	1	0	0	0	46
17:15	31	0	3	0	0	1	0	0	0	35	17:15	46	1	0	0	0	2	0	0	0	49
17:30	17	0	1	0	0	0	0	0	1	19	17:30	36	0	1	1	0	2	0	0	0	40
17:45	19	1	1	1	0	0	0	0	0	22	17:45	40	0	3	1	0	1	0	0	0	45
18:00	20	0	1	0	0	0	0	0	0	21	18:00	37	0	3	1	0	2	0	0	0	43
18:15	15	0	1	0	0	0	0	0	0	16	18:15	34	0	2	2	0	2	0	0	0	40
18:30	26	0	1	0	0	0	0	0	0	27	18:30	28	0	3	1	0	1	0	0	0	33
18:45	8	0	3	0	0	0	0	0	0	11	18:45	27	0	1	1	0	1	0	0	0	30
P/TOT	239	2	41	2	2	1	0	0	1	288	P/TOT	458	2	48	17	1	16	4	0	0	546

Adderley RoadDuddeston Mill Road.xlsx WH12

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LOCATION: Adderley Rd/Duddeston Mill Rd/Ash Ford Jnc DAY: THURSDAY

LOCATION: Adderley Rd/Duddeston Mill Rd/Ash Ford Jnc DAY: THURSDAY

TO ARM A											FROM ARM A											
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	
07:00	10	0	8	3	5	2	0	0	0	28	07:00	27	0	6	2	4	3	0	0	0	42	
07:15	15	0	9	6	6	3	0	0	0	39	07:15	32	0	6	4	4	1	0	0	0	47	
07:30	18	0	10	7	8	2	0	0	0	45	07:30	43	0	11	3	2	2	0	0	0	61	
07:45	34	0	8	5	6	1	0	0	0	54	07:45	62	1	10	3	5	1	0	0	0	82	
08:00	29	0	10	6	8	1	0	0	0	54	08:00	63	0	12	3	3	3	0	0	0	84	
08:15	44	3	13	10	2	1	1	0	0	74	08:15	57	0	12	2	8	1	0	0	0	80	
08:30	44	0	5	7	5	2	0	0	0	63	08:30	68	0	11	6	4	1	0	0	0	90	
08:45	50	0	17	3	3	1	0	0	0	74	08:45	63	0	13	8	4	1	0	0	0	89	
09:00	48	0	13	3	6	2	0	0	0	72	09:00	49	1	16	5	16	2	0	0	0	89	
09:15	42	0	19	10	9	1	0	0	0	81	09:15	38	0	11	4	2	1	0	2	0	58	
09:30	24	0	15	6	5	1	0	0	1	52	09:30	39	0	7	6	6	2	0	0	0	60	
09:45	40	1	13	6	9	1	0	0	0	70	09:45	44	0	15	5	5	1	0	0	0	70	
P/TOT	398	4	140	72	72	18	1	0	1	706	P/TOT	585	2	130	51	63	19	0	2	0	852	

	TO ARM A											FROM ARM A										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	
16:00	101	0	19	6	3	2	1	1	0	133	16:00	56	2	10	5	1	1	0	0	0	75	
16:15	88	0	19	5	0	0	3	0	0	115	16:15	70	0	5	8	5	1	0	0	0	89	
16:30	112	0	10	2	5	1	0	0	0	130	16:30	67	0	9	3	1	2	0	0	0	82	
16:45	95	1	17	5	3	1	0	0	0	122	16:45	68	0	6	4	4	2	0	0	0	84	
17:00	99	0	16	4	3	1	0	0	0	123	17:00	61	0	11	0	4	0	0	0	1	77	
17:15	94	1	7	2	0	2	0	1	0	107	17:15	68	0	4	1	0	2	0	0	0	75	
17:30	79	0	3	1	2	2	0	0	0	87	17:30	61	0	5	2	1	1	0	0	0	70	
17:45	89	0	5	2	1	1	0	0	0	98	17:45	66	0	3	2	0	1	0	0	0	72	
18:00	81	0	5	1	0	2	0	0	0	89	18:00	50	1	4	2	2	1	0	0	0	60	
18:15	62	0	4	2	1	2	0	0	0	71	18:15	48	0	3	1	0	3	0	0	0	55	
18:30	59	0	8	1	0	1	0	0	0	69	18:30	63	1	4	3	1	2	0	1	0	75	
18:45	53	0	5	2	0	1	0	0	0	61	18:45	46	0	7	1	0	1	0	0	0	55	
P/TOT	1012	2	118	33	18	16	4	2	0	1205	P/TOT	724	4	71	32	19	17	0	1	1	869	

Adderley RoadDuddeston Mill Road.xlsx WH12

NDC for  
Arup



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH12

DATE: 21/06/2012

SITE: WH12

DATE: 21/06/2012

LOCATION: Adderley Rd/Duddeston Mill Rd/Ash Ford Jnc DAY: THURSDAY

LOCATION: Adderley Rd/Duddeston Mill Rd/Ash Ford Jnc DAY: THURSDAY

	TO ARM B											FROM ARM B										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	
07:00	23	0	4	1	0	0	0	0	1	29	07:00	13	0	7	0	0	0	0	0	0	20	
07:15	36	0	7	4	2	0	0	0	0	49	07:15	17	0	6	1	3	0	0	0	0	27	
07:30	31	0	12	4	0	0	0	0	0	47	07:30	19	0	7	3	4	0	0	1	0	34	
07:45	60	0	15	1	2	0	0	0	0	78	07:45	37	0	9	2	1	0	0	1	0	50	
08:00	64	1	16	0	1	1	0	0	0	83	08:00	49	0	9	4	2	0	0	0	0	64	
08:15	92	0	17	1	2	0	0	0	0	112	08:15	72	0	13	7	0	0	0	0	1	93	
08:30	93	0	4	1	2	0	0	0	0	100	08:30	74	0	10	4	0	0	0	0	0	88	
08:45	78	1	4	5	3	0	0	0	0	91	08:45	56	0	14	6	0	0	0	0	0	76	
09:00	46	0	9	1	6	0	0	0	0	62	09:00	65	0	17	2	2	0	0	0	0	86	
09:15	39	1	8	2	1	0	0	0	0	51	09:15	33	0	11	3	1	0	0	0	0	48	
09:30	24	0	9	2	1	0	0	0	0	36	09:30	26	0	10	5	3	0	0	0	1	45	
09:45	28	1	9	4	2	0	0	0	0	44	09:45	34	0	7	4	4	0	0	0	0	49	
P/TOT	614	4	114	26	22	1	0	0	1	782	P/TOT	495	0	120	41	20	0	0	2	2	680	

TO ARM B											FROM ARM B												
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT		
16:00	46	0	14	0	1	0	0	1	0	62	16:00	75	1	16	3	1	0	0	1	0	97		
16:15	58	1	16	0	1	0	0	0	0	76	16:15	60	0	12	3	1	0	0	1	1	78		
16:30	56	0	13	0	2	0	0	0	0	71	16:30	73	1	14	2	2	0	0	0	0	92		
16:45	31	0	14	2	2	0	0	0	0	49	16:45	92	1	14	2	1	0	0	0	1	111		
17:00	48	0	6	1	1	0	0	0	0	56	17:00	96	1	15	3	0	0	0	1	1	117		
17:15	60	1	7	1	0	1	0	0	1	71	17:15	87	1	9	2	0	0	0	0	1	100		
17:30	38	0	3	1	1	0	0	0	1	44	17:30	76	1	7	0	1	0	0	0	0	85		
17:45	37	1	3	2	1	0	0	0	0	44	17:45	69	0	4	0	0	0	0	0	0	73		
18:00	43	0	5	0	2	0	0	0	0	50	18:00	69	0	10	0	1	0	0	1	0	81		
18:15	33	0	4	0	0	0	0	0	0	37	18:15	45	1	5	0	0	0	0	0	0	51		
18:30	42	0	4	1	1	0	0	1	0	49	18:30	51	0	8	1	0	0	0	0	0	60		
18:45	19	0	3	0	0	0	0	0	0	22	18:45	36	0	5	1	0	0	0	0	0	42		
P/TOT	511	3	92	8	12	1	0	2	2	631	P/TOT	829	7	119	17	7	0	0	4	4	987		

Adderley RoadDuddeston Mill Road.xlsx WH12

NDC for  
Arup



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH12

DATE: 21/06/2012

SITE: WH12

DATE: 21/06/2012

LOCATION: Adderley Rd/Duddeston Mill Rd/Ash Ford Jnc DAY: THURSDAY

LOCATION: Adderley Rd/Duddeston Mill Rd/Ash Ford Jnc DAY: THURSDAY

TO ARM C											FROM ARM C											
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	
07:00	17	0	2	0	3	0	0	0	0	22	07:00	7	0	2	1	5	0	0	0	0	16	
07:15	20	0	3	1	3	0	0	0	0	27	07:15	13	0	3	2	4	0	0	0	0	22	
07:30	21	0	8	3	2	0	0	0	0	34	07:30	12	0	3	4	6	0	0	0	0	25	
07:45	32	0	8	2	5	0	0	1	0	48	07:45	25	0	3	1	7	0	0	0	0	36	
08:00	38	0	7	3	1	0	0	0	0	49	08:00	34	1	8	2	5	0	0	0	0	50	
08:15	38	0	8	3	4	0	0	0	1	54	08:15	52	3	9	4	2	0	0	0	0	70	
08:30	47	0	7	5	1	0	0	0	0	60	08:30	54	1	4	6	3	0	0	0	0	68	
08:45	43	0	14	3	4	0	0	0	0	64	08:45	67	0	4	2	4	0	0	0	0	77	
09:00	28	0	10	2	11	0	0	0	0	51	09:00	34	0	3	3	3	0	0	0	0	43	
09:15	23	0	7	2	1	0	0	2	0	35	09:15	20	0	13	1	6	0	0	0	0	40	
09:30	15	0	3	5	4	0	0	0	0	27	09:30	14	0	5	1	3	0	0	0	1	24	
09:45	31	0	8	4	5	0	0	0	0	48	09:45	20	0	10	4	4	0	0	0	0	38	
P/TOT	353	0	85	33	44	0	0	3	1	519	P/TOT	352	5	67	31	52	0	0	0	2	509	

	TO ARM C											FROM ARM C										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	
16:00	23	1	3	4	2	0	0	0	0	33	16:00	52	0	11	2	4	0	0	2	0	71	
16:15	31	0	5	4	5	0	0	0	0	45	16:15	57	0	15	1	0	0	0	0	0	73	
16:30	28	0	7	4	0	1	0	0	0	40	16:30	69	0	10	0	5	0	0	0	0	84	
16:45	33	1	2	3	4	0	0	0	0	43	16:45	37	0	15	3	3	0	0	0	0	58	
17:00	28	0	4	1	4	0	0	1	0	38	17:00	63	0	7	2	2	0	0	0	0	74	
17:15	32	1	4	0	0	0	0	0	0	37	17:15	45	1	9	2	0	0	0	1	1	59	
17:30	31	1	3	1	1	0	0	0	0	37	17:30	49	0	2	1	2	0	0	0	0	54	
17:45	27	0	3	1	0	0	0	0	0	31	17:45	44	0	2	1	2	0	0	0	0	49	
18:00	27	0	3	0	1	0	0	0	0	31	18:00	46	0	4	0	0	0	0	0	0	50	
18:15	27	0	1	0	0	0	0	0	0	28	18:15	33	0	4	0	1	0	0	0	0	38	
18:30	40	1	1	2	0	0	0	0	0	44	18:30	26	0	1	0	0	0	0	0	0	27	
18:45	26	0	3	1	0	0	0	0	0	30	18:45	22	0	1	1	0	0	0	0	0	24	
P/TOT	353	5	39	21	17	1	0	1	0	437	P/TOT	543	1	81	13	19	0	0	3	1	661	

Adderley RoadDuddeston Mill Road.xlsx WH12

NDC for  
Arup



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH12

DATE: 21/06/2012

SITE: WH12

DATE: 21/06/2012

LOCATION: Adderley Rd/Duddeston Mill Rd/Ash Ford Jnc DAY: THURSDAY

LOCATION: Adderley Rd/Duddeston Mill Rd/Ash Ford Jnc DAY: THURSDAY

	TO ARM D											FROM ARM D										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	
07:00	13	0	6	2	1	3	0	0	0	25	07:00	16	0	5	3	0	2	0	0	0	26	
07:15	14	0	5	1	1	1	0	0	0	22	07:15	23	0	9	5	1	3	0	0	0	41	
07:30	29	0	5	3	4	2	0	1	0	44	07:30	25	0	14	7	2	2	0	0	0	50	
07:45	37	1	4	2	1	1	0	0	0	46	07:45	39	0	13	4	1	1	0	0	0	58	
08:00	55	0	10	3	1	2	0	0	0	71	08:00	40	0	14	3	1	1	0	0	0	59	
08:15	65	0	10	2	2	1	0	0	0	80	08:15	58	0	14	3	0	1	1	0	0	77	
08:30	65	1	13	5	1	1	0	0	0	86	08:30	53	0	4	2	2	2	0	0	0	63	
08:45	71	0	11	9	0	1	0	0	0	92	08:45	56	1	15	4	2	1	0	0	0	79	
09:00	64	1	17	5	2	2	0	0	0	91	09:00	38	0	13	1	4	2	0	0	0	58	
09:15	31	0	12	3	1	1	0	0	0	48	09:15	44	1	11	9	3	1	0	0	0	69	
09:30	39	0	12	5	3	2	0	0	1	62	09:30	23	0	17	6	1	1	0	0	0	48	
09:45	42	0	11	4	1	1	0	0	0	59	09:45	43	2	9	5	4	1	0	0	0	64	
P/TOT	525	3	116	44	18	18	0	1	1	726	P/TOT	458	4	138	52	21	18	1	0	0	0	692

TO ARM D											FROM ARM D												
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT		
16:00	72	2	19	3	0	1	0	1	0	98	16:00	59	0	18	3	0	2	1	0	0	83		
16:15	74	0	9	5	0	1	0	1	1	91	16:15	64	1	17	2	0	0	3	0	0	87		
16:30	82	1	15	0	1	1	0	0	0	100	16:30	69	0	12	1	0	1	0	0	0	83		
16:45	102	0	12	2	0	2	0	0	1	119	16:45	64	1	10	3	1	1	0	0	0	80		
17:00	104	1	18	1	0	0	0	0	2	126	17:00	59	0	11	2	2	1	0	0	0	75		
17:15	92	0	7	2	0	2	0	0	1	104	17:15	78	1	3	0	0	3	0	0	0	85		
17:30	92	0	7	1	0	1	0	0	0	101	17:30	54	0	2	1	0	2	0	0	1	60		
17:45	85	0	2	0	0	1	0	0	0	88	17:45	59	1	4	2	0	1	0	0	0	67		
18:00	72	1	9	2	0	1	0	1	0	86	18:00	58	0	4	1	0	2	0	0	0	65		
18:15	55	1	6	1	0	3	0	0	0	66	18:15	51	0	3	2	0	2	0	0	0	58		
18:30	60	0	4	1	0	2	0	0	0	67	18:30	61	0	4	1	0	1	0	0	0	67		
18:45	48	0	6	1	0	1	0	0	0	56	18:45	42	0	4	1	0	1	0	0	0	48		
P/TOT	938	6	114	19	1	16	0	3	5	1102	P/TOT	718	4	92	19	3	17	4	0	1	858		

Adderley RoadDuddeston Mill Road.xlsx WH12

NDC for  
Arup

SITE: WH12

DATE: 21/06/2012

LOCATION: Adderley Rd/Duddeston Mill Rd/Ash Ford Jnc

DAY: THURSDAY

TIME	JUNCTION TOTAL									TOT
	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
07:00	63	0	20	6	9	5	0	0	1	104
07:15	85	0	24	12	12	4	0	0	0	137
07:30	99	0	35	17	14	4	0	1	0	170
07:45	163	1	35	10	14	2	0	1	0	226
08:00	186	1	43	12	11	4	0	0	0	257
08:15	239	3	48	16	10	2	1	0	1	320
08:30	249	1	29	18	9	3	0	0	0	309
08:45	242	1	46	20	10	2	0	0	0	321
09:00	186	1	49	11	25	4	0	0	0	276
09:15	135	1	46	17	12	2	0	2	0	215
09:30	102	0	39	18	13	3	0	0	2	177
09:45	141	2	41	18	17	2	0	0	0	221
<b>P/TOT</b>	<b>1890</b>	<b>11</b>	<b>455</b>	<b>175</b>	<b>156</b>	<b>37</b>	<b>1</b>	<b>4</b>	<b>4</b>	<b>2733</b>

PEAK HOUR CALCULATION	
07:00 to 08:00	637
07:15 to 08:15	790
07:30 to 08:30	973
07:45 to 08:45	1112
08:00 to 09:00	1207
08:15 to 09:15	<b>1226</b>
08:30 to 09:30	1121
08:45 to 09:45	989
09:00 to 10:00	889
<b>PEAK VALUE</b>	<b>1226</b>

TIME	JUNCTION TOTAL									TOT
	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
16:00	242	3	55	13	6	3	1	3	0	326
16:15	251	1	49	14	6	1	3	1	1	327
16:30	278	1	45	6	8	3	0	0	0	341
16:45	261	2	45	12	9	3	0	0	1	333
17:00	279	1	44	7	8	1	0	1	2	343
17:15	278	3	25	5	0	5	0	1	2	319
17:30	240	1	16	4	4	3	0	0	1	269
17:45	238	1	13	5	2	2	0	0	0	261
18:00	223	1	22	3	3	3	0	1	0	256
18:15	177	1	15	3	1	5	0	0	0	202
18:30	201	1	17	5	1	3	0	1	0	229
18:45	146	0	17	4	0	2	0	0	0	169
<b>P/TOT</b>	<b>2814</b>	<b>16</b>	<b>363</b>	<b>81</b>	<b>48</b>	<b>34</b>	<b>4</b>	<b>8</b>	<b>7</b>	<b>3375</b>

PEAK HOUR CALCULATION	
16:00 to 17:00	1327
16:15 to 17:15	<b>1344</b>
16:30 to 17:30	1336
16:45 to 17:45	1264
17:00 to 18:00	1192
17:15 to 18:15	1105
17:30 to 18:30	988
17:45 to 18:45	948
18:00 to 19:00	856
<b>PEAK VALUE</b>	<b>1344</b>



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH16

DATE: 21/06/2012

SITE: WH16

DATE: 21/06/2012

LOCATION: A4040/Bromford Rd/Wolseley Dr Junction

DAY: THURSDAY

LOCATION: A4040/Bromford Rd/Wolseley Dr Junction

DAY: THURSDAY

A to D										TOT	A to C										TOT
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL		TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
07:00	39	0	10	5	0	0	0	1	0	55	07:00	114	0	22	6	3	2	0	1	1	149
07:15	48	1	10	6	0	0	0	0	0	65	07:15	167	0	17	9	0	2	0	3	0	198
07:30	53	1	5	3	0	0	0	0	0	62	07:30	190	1	33	5	1	2	0	1	2	235
07:45	77	0	13	2	0	0	0	0	0	92	07:45	192	3	22	8	2	4	1	2	2	236
08:00	78	1	7	4	0	1	2	1	0	94	08:00	184	0	19	12	2	2	0	1	0	220
08:15	82	3	17	4	0	0	1	0	0	107	08:15	172	1	25	4	1	6	0	0	0	209
08:30	60	1	16	4	1	0	0	0	0	82	08:30	155	3	23	8	3	2	0	2	1	197
08:45	59	3	11	3	1	0	1	0	0	78	08:45	177	3	28	3	4	3	0	0	0	218
09:00	44	3	7	0	0	0	0	1	0	55	09:00	154	4	31	6	2	3	0	0	0	200
09:15	51	0	9	2	0	0	0	0	0	62	09:15	122	1	30	11	4	0	0	0	0	168
09:30	36	0	5	5	0	0	0	1	0	47	09:30	138	3	27	9	4	3	0	0	0	184
09:45	39	2	6	4	0	0	0	0	0	51	09:45	117	2	25	10	4	2	0	1	0	161
P/TOT	666	15	116	42	2	1	4	4	0	850	P/TOT	1882	21	302	91	30	31	1	11	6	2375

A to D										TOT	A to C										TOT
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL		TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
16:00	135	1	18	5	0	1	0	3	0	163	16:00	152	1	23	4	0	1	0	3	1	185
16:15	131	3	17	3	0	0	0	3	1	158	16:15	161	1	23	5	2	0	0	4	0	196
16:30	135	2	14	0	0	0	0	2	0	153	16:30	189	2	17	2	3	4	0	1	0	218
16:45	151	3	22	2	0	0	0	1	2	181	16:45	172	2	23	6	1	1	0	0	0	205
17:00	145	2	23	2	0	0	0	0	0	172	17:00	180	4	19	8	1	3	0	4	5	224
17:15	153	0	16	1	0	0	0	0	0	170	17:15	204	1	15	4	1	1	0	3	0	229
17:30	158	2	15	1	0	0	0	2	1	179	17:30	201	5	16	3	0	2	0	0	1	228
17:45	142	1	14	1	0	0	0	1	0	159	17:45	200	0	21	1	1	1	0	4	0	228
18:00	137	1	8	0	0	0	0	1	0	147	18:00	227	4	19	3	3	5	0	1	0	262
18:15	145	4	11	3	0	0	0	0	0	163	18:15	200	3	12	2	2	1	0	1	0	221
18:30	113	2	6	1	1	0	0	1	0	124	18:30	171	2	15	3	1	2	0	0	1	195
18:45	88	1	6	0	0	0	0	1	0	96	18:45	151	2	10	3	0	3	0	3	1	173
P/TOT	1633	22	170	19	1	1	0	15	4	1865	P/TOT	2208	27	213	44	15	24	0	24	9	2564

A4040\_Wolseley Drive.xlsx WH16

NDC for  
Arup



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH16

DATE: 21/06/2012

SITE: WH16

DATE: 21/06/2012

LOCATION: A4040/Bromford Rd/Wolseley Dr Junction

DAY: THURSDAY

LOCATION: A4040/Bromford Rd/Wolseley Dr Junction

DAY: THURSDAY

A to B										TOT	B to A										TOT
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL		TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
07:00	8	0	3	1	0	0	0	0	0	12	07:00	0	0	6	0	0	0	0	0	0	6
07:15	3	0	5	1	1	0	0	0	0	10	07:15	2	0	8	0	1	0	0	0	0	11
07:30	8	0	3	0	2	0	0	0	0	13	07:30	0	0	6	1	1	0	0	0	0	8
07:45	16	0	0	0	0	0	0	0	0	16	07:45	0	0	6	0	0	0	0	0	0	6
08:00	22	0	1	0	0	0	0	0	0	23	08:00	2	0	15	0	1	0	0	0	0	18
08:15	28	0	0	0	0	0	0	0	0	28	08:15	3	0	6	0	0	0	0	0	0	9
08:30	12	0	4	0	2	0	0	1	0	19	08:30	2	0	2	0	0	0	0	0	0	4
08:45	16	0	3	2	1	0	0	0	0	22	08:45	3	0	2	0	0	0	0	0	0	5
09:00	5	0	1	2	0	0	0	0	0	8	09:00	0	0	2	2	0	0	0	0	0	4
09:15	6	0	0	0	2	0	0	0	0	8	09:15	1	0	1	0	0	0	0	0	0	2
09:30	6	0	1	1	0	0	0	0	0	8	09:30	4	0	2	1	1	0	0	0	0	8
09:45	5	0	1	2	0	0	0	0	0	8	09:45	1	0	3	1	2	0	0	0	0	7
P/TOT	135	0	22	9	8	0	0	1	0	175	P/TOT	18	0	59	5	6	0	0	0	0	88

A to B										TOT	B to A										TOT
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL		TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
16:00	4	0	2	0	1	0	0	0	0	7	16:00	12	0	0	0	1	0	0	0	0	13
16:15	3	0	4	0	0	0	0	0	0	7	16:15	6	0	2	0	0	0	0	0	0	0
16:30	1	0	4	0	0	0	0	0	0	5	16:30	5	0	3	0	0	0	0	0	0	8
16:45	9	0	7	0	0	0	0	0	0	16	16:45	7	0	3	0	0	0	0	0	0	10
17:00	2	0	3	0	1	0	0	0	0	6	17:00	9	0	5	0	0	0	0	0	0	14
17:15	2	0	1	1	2	0	0	0	0	6	17:15	14	0	4	0	0	0	0	0	0	18
17:30	4	0	3	0	0	0	0	0	0	7	17:30	15	0	3	1	0	0	0	0	0	19
17:45	11	0	5	0	2	0	0	0	0	18	17:45	16	0	3	0	2	0	0	0	0	21
18:00	4	0	6	0	0	0	0	0	0	10	18:00	10	0	6	1	0	0	0	0	0	17
18:15	3	0	5	2	0	0	0	0	0	10	18:15	8	0	4	0	1	0	0	0	0	13
18:30	6	0	2	0	1	0	0	0	0	9	18:30	4	0	5	0	1	0	0	0	0	10
18:45	3	0	2	0	3	0	0	0	0	8	18:45	11	0	5	0	1	0	0	0	0	17
P/TOT	52	0	44	3	10	0	0	0	0	109	P/TOT	117	0	43	2	6	0	0	0	0	160

A4040\_Wolseley Drive.xlsx WH16

NDC for  
Arup



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH16

DATE: 21/06/2012

SITE: WH16

DATE: 21/06/2012

LOCATION: A4040/Bromford Rd/Wolseley Dr Junction

DAY: THURSDAY

LOCATION: A4040/Bromford Rd/Wolseley Dr Junction

DAY: THURSDAY

B to D											B to C										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
07:00	0	0	1	0	0	0	0	0	0	1	07:00	2	0	2	1	0	0	0	0	0	5
07:15	0	0	1	2	0	0	0	0	0	3	07:15	0	0	0	0	0	0	0	0	0	0
07:30	0	0	2	2	0	0	0	0	0	4	07:30	1	0	2	0	0	0	0	0	0	3
07:45	1	0	2	1	0	0	0	0	0	4	07:45	0	0	0	0	0	0	0	0	0	0
08:00	1	0	3	1	0	0	0	0	0	5	08:00	1	0	2	0	0	0	0	0	0	3
08:15	0	0	3	2	0	0	0	0	0	5	08:15	0	0	3	0	0	0	0	0	0	3
08:30	0	0	1	0	0	0	0	0	0	1	08:30	0	0	2	0	0	0	0	0	0	2
08:45	1	0	3	1	1	0	0	0	0	6	08:45	1	0	0	1	1	0	0	0	0	3
09:00	0	0	2	0	0	0	0	0	0	2	09:00	1	0	1	1	0	0	0	0	0	3
09:15	0	0	0	1	0	0	0	0	0	1	09:15	0	0	0	0	0	0	0	0	0	0
09:30	1	0	2	0	0	0	0	0	0	3	09:30	0	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	0	09:45	2	0	2	0	0	0	0	0	0	4
P/TOT	4	0	20	10	1	0	0	0	0	35	P/TOT	8	0	14	3	1	0	0	0	0	26

B to D											B to C											
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	
16:00	2	0	0	0	0	0	0	0	0	2	16:00	2	0	0	0	0	0	0	0	0	0	2
16:15	2	0	1	0	0	0	0	1	0	4	16:15	0	0	1	0	0	0	0	0	0	0	1
16:30	1	0	0	0	0	0	0	0	0	1	16:30	0	0	1	0	0	0	0	0	0	0	1
16:45	2	0	0	0	0	0	0	0	0	2	16:45	4	0	0	0	0	0	0	0	0	0	4
17:00	4	0	1	0	0	0	0	0	0	5	17:00	3	0	1	0	0	0	0	0	0	0	4
17:15	13	0	0	0	0	0	0	0	0	13	17:15	5	0	0	0	0	0	0	1	0	0	6
17:30	7	0	0	0	0	0	0	0	0	7	17:30	4	0	1	0	0	0	0	0	1	0	6
17:45	2	0	1	0	0	0	0	0	0	3	17:45	3	0	2	0	0	0	0	0	0	0	5
18:00	3	0	0	0	0	0	0	0	0	3	18:00	2	0	1	0	0	0	0	0	0	0	3
18:15	4	0	2	0	0	0	0	0	0	6	18:15	1	0	0	0	0	0	0	0	0	0	1
18:30	4	0	0	0	0	0	0	0	0	4	18:30	1	0	1	0	0	0	0	0	0	0	2
18:45	3	0	2	0	1	0	0	0	0	6	18:45	1	0	0	0	0	0	0	0	0	0	1
P/TOT	47	0	7	0	1	0	0	1	0	56	P/TOT	26	0	8	0	0	0	0	1	1	1	36

A4040\_Wolseley Drive.xlsx WH16

NDC for  
Arup



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH16

DATE: 21/06/2012

SITE: WH16

DATE: 21/06/2012

LOCATION: A4040/Bromford Rd/Wolseley Dr Junction

DAY: THURSDAY

LOCATION: A4040/Bromford Rd/Wolseley Dr Junction

DAY: THURSDAY

C to B											C to A										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
07:00	2	0	2	0	0	0	0	0	0	4	07:00	127	1	18	6	1	2	0	4	3	162
07:15	0	0	1	0	0	0	0	1	0	2	07:15	151	4	21	4	0	3	0	2	3	188
07:30	0	0	0	1	0	0	0	0	0	1	07:30	143	2	24	9	3	2	0	0	2	185
07:45	4	0	0	0	0	0	0	0	0	4	07:45	144	4	32	6	5	2	0	1	5	199
08:00	3	0	0	0	0	0	0	0	0	3	08:00	187	7	22	11	0	1	0	2	0	230
08:15	2	0	0	0	0	0	0	0	0	2	08:15	197	2	24	11	5	2	0	2	0	243
08:30	2	0	1	0	0	0	0	0	0	3	08:30	196	2	22	10	3	3	0	1	0	237
08:45	2	0	0	0	0	0	0	0	0	2	08:45	138	3	18	5	4	4	0	1	0	173
09:00	1	0	0	1	0	0	0	0	0	2	09:00	153	2	23	9	4	3	0	0	1	195
09:15	2	0	1	0	0	0	0	0	0	3	09:15	127	1	32	3	4	2	0	1	1	171
09:30	3	0	1	0	0	0	0	0	0	4	09:30	108	2	26	11	3	1	0	0	0	151
09:45	1	0	2	0	0	0	0	0	0	3	09:45	127	0	21	11	2	3	0	0	0	164
P/TOT	22	0	8	2	0	0	0	1	0	33	P/TOT	1798	30	283	96	34	28	0	14	15	2298

C to B											C to A										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
16:00	1	0	1	1	0	0	0	0	0	3	16:00	189	3	29	9	2	2	0	1	2	237
16:15	1	0	0	0	0	0	0	0	0	1	16:15	137	0	20	2	3	0	0	2	0	164
16:30	4	0	1	0	0	0	0	0	0	5	16:30	206	1	24	1	0	1	0	0	0	233
16:45	5	0	0	0	0	0	0	0	0	5	16:45	192	0	18	4	2	6	0	1	0	223
17:00	1	0	0	0	0	0	0	0	0	1	17:00	215	1	20	2	3	1	0	4	0	246
17:15	3	0	1	0	0	0	0	0	0	4	17:15	162	2	23	7	1	1	0	1	1	198
17:30	3	0	3	0	0	0	0	0	0	6	17:30	182	0	24	3	1	3	0	1	1	215
17:45	7	0	2	0	0	0	0	0	0	9	17:45	196	1	30	4	2	2	0	0	0	235
18:00	1	0	1	0	0	0	0	0	0	2	18:00	216	1	15	1	0	4	0	2	2	241
18:15	2	0	2	0	0	0	0	0	0	4	18:15	176	0	11	4	0	1	0	1	1	194
18:30	6	0	0	1	0	0	0	0	0	7	18:30	241	2	16	3	1	4	0	1	2	270
18:45	5	0	0	0	0	0	0	0	0	5	18:45	240	3	17	1	0	1	0	3	1	266
P/TOT	39	0	11	2	0	0	0	0	0	52	P/TOT	2352	14	247	41	15	26	0	17	10	2722

A4040\_Wolseley Drive.xlsx WH16

NDC for  
Arup





2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH16

DATE: 21/06/2012

SITE: WH16

DATE: 21/06/2012

LOCATION: A4040/Bromford Rd/Wolseley Dr Junction

DAY: THURSDAY

LOCATION: A4040/Bromford Rd/Wolseley Dr Junction

DAY: THURSDAY

C to D											D to C										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
07:00	1	0	0	0	0	0	0	0	0	1	07:00	0	0	0	0	0	0	0	0	0	0
07:15	2	0	1	1	0	1	0	0	0	5	07:15	0	0	0	0	0	0	0	0	0	0
07:30	3	0	0	0	0	0	0	0	0	3	07:30	1	0	0	0	0	0	0	0	0	1
07:45	6	0	0	0	0	1	0	0	0	7	07:45	1	0	0	0	0	0	0	0	0	1
08:00	2	0	0	1	0	1	0	0	0	4	08:00	2	0	0	0	0	0	0	0	0	2
08:15	6	1	1	0	0	0	0	0	0	8	08:15	5	0	0	0	0	0	0	0	0	5
08:30	2	1	0	0	0	1	0	0	0	4	08:30	7	1	0	0	0	0	0	0	0	8
08:45	2	0	1	0	0	1	0	0	0	4	08:45	2	0	0	0	0	0	0	0	0	2
09:00	2	0	0	0	0	0	0	0	0	2	09:00	1	0	1	0	0	0	0	0	0	2
09:15	5	0	1	1	0	1	0	0	0	8	09:15	3	0	0	0	0	0	0	0	0	3
09:30	6	0	1	1	0	1	0	0	0	9	09:30	1	1	3	0	0	0	0	0	0	5
09:45	3	1	0	0	0	1	0	0	0	5	09:45	2	1	2	0	0	0	0	0	0	5
P/TOT	40	3	5	4	0	8	0	0	0	60	P/TOT	25	3	6	0	0	0	0	0	0	34

C to D											D to C										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
16:00	5	0	1	1	0	1	0	0	0	8	16:00	4	0	0	0	0	0	0	0	0	4
16:15	1	0	1	0	0	0	0	0	0	2	16:15	3	0	0	0	0	0	0	0	0	3
16:30	2	0	1	0	0	1	0	0	0	4	16:30	1	0	0	0	0	0	0	0	0	1
16:45	3	0	1	0	0	1	0	0	0	5	16:45	1	0	0	0	0	0	0	0	0	1
17:00	2	0	0	0	0	0	0	0	0	2	17:00	0	0	0	0	0	0	0	0	0	0
17:15	3	0	1	0	0	1	0	0	0	5	17:15	2	0	1	1	0	0	0	0	0	4
17:30	2	0	0	0	0	1	0	0	0	3	17:30	1	0	2	0	0	0	0	0	0	3
17:45	0	0	1	0	0	1	0	0	0	2	17:45	0	0	0	0	0	0	0	0	0	0
18:00	3	0	0	0	0	0	0	0	0	3	18:00	0	0	1	0	0	0	0	0	0	1
18:15	1	0	2	0	0	1	0	0	0	4	18:15	0	0	0	0	0	0	0	0	0	0
18:30	4	0	0	0	0	2	0	0	0	6	18:30	2	0	0	0	0	0	0	0	0	2
18:45	3	0	0	0	0	0	0	0	0	3	18:45	3	0	0	0	0	0	0	0	0	3
P/TOT	29	0	8	1	0	9	0	0	0	47	P/TOT	17	0	4	1	0	0	0	0	0	22

A4040\_Wolseley Drive.xlsx WH16

NDC for  
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2111 / WEST MIDLANDS HS2  
JUNE 2012  
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2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH16

DATE: 21/06/2012

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LOCATION: A4040/Bromford Rd/Wolseley Dr Junction

DAY: THURSDAY

LOCATION: A4040/Bromford Rd/Wolseley Dr Junction

DAY: THURSDAY

D to B											D to A										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
07:00	1	0	0	0	0	0	0	0	0	1	07:00	114	3	21	4	0	0	0	1	0	143
07:15	5	0	1	1	0	0	0	0	0	7	07:15	131	4	19	2	0	0	0	0	0	156
07:30	6	0	0	0	0	0	0	0	0	6	07:30	168	11	19	4	0	0	0	1	0	203
07:45	2	0	0	0	0	0	0	0	0	2	07:45	154	6	20	4	1	0	0	0	0	185
08:00	6	0	1	0	0	0	0	0	0	7	08:00	157	6	14	1	0	0	0	1	0	179
08:15	9	0	0	1	0	0	0	0	0	10	08:15	126	10	10	3	0	0	0	1	0	150
08:30	4	0	0	0	0	0	0	0	0	4	08:30	151	7	12	3	0	1	0	0	0	174
08:45	3	0	0	0	0	0	0	0	0	3	08:45	118	4	9	3	0	2	0	0	0	136
09:00	2	0	0	1	0	0	0	0	0	3	09:00	109	1	7	4	0	0	0	3	1	125
09:15	1	0	0	0	0	0	0	0	0	1	09:15	84	3	14	2	1	0	0	1	0	105
09:30	1	0	0	0	0	0	0	0	0	1	09:30	69	1	7	3	0	0	0	0	0	80
09:45	0	0	1	2	0	0	0	0	0	3	09:45	64	1	13	4	3	1	0	0	0	86
P/TOT	40	0	3	5	0	0	0	0	0	48	P/TOT	1445	57	165	37	5	4	0	8	1	1722

D to B											D to A										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
16:00	0	0	1	0	0	0	0	0	0	1	16:00	71	3	11	1	0	0	0	1	0	87
16:15	1	0	0	0	0	0	0	0	0	1	16:15	69	2	16	4	0	0	0	0	0	91
16:30	0	0	1	0	0	0	0	0	0	1	16:30	65	3	12	1	0	1	0	0	0	82
16:45	2	0	0	0	0	0	0	0	0	2	16:45	83	0	13	3	0	0	0	0	1	100
17:00	0	0	0	0	0	0	0	0	0	0	17:00	88	2	9	3	0	0	0	0	0	102
17:15	0	0	0	0	1	0	0	0	0	1	17:15	83	1	17	1	0	0	0	0	0	102
17:30	1	0	0	1	0	0	0	0	0	2	17:30	63	2	9	2	0	0	0	1	0	77
17:45	2	0	0	0	0	0	0	0	0	2	17:45	64	2	12	0	0	0	0	0	0	78
18:00	0	0	0	0	0	0	0	0	0	0	18:00	66	1	9	1	0	0	0	0	0	77
18:15	0	0	2	0	1	0	0	0	0	3	18:15	72	1	8	3	0	0	0	0	0	84
18:30	0	0	1	0	1	0	0	0	0	2	18:30	114	3	5	1	0	0	0	0	0	123
18:45	1	0	1	0	0	0	0	0	0	2	18:45	94	3	13	1	0	0	0	0	0	111
P/TOT	7	0	6	1	4	0	0	0	0	18	P/TOT	932	23	134	21	0	1	0	2	1	1114

A4040\_Wolseley Drive.xlsx WH16

NDC for  
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2111 / WEST MIDLANDS HS2  
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JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH16

DATE: 21/06/2012

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LOCATION: A4040/Bromford Rd/Wolseley Dr Junction

DAY: THURSDAY

LOCATION: A4040/Bromford Rd/Wolseley Dr Junction

DAY: THURSDAY

TO ARM A											FROM ARM A											
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	
07:00	241	4	45	10	1	2	0	5	3	311	07:00	161	0	35	12	3	2	0	2	1		216
07:15	284	8	48	6	1	3	0	2	3	355	07:15	218	1	32	16	1	2	0	3	0		273
07:30	311	13	49	14	4	2	0	1	2	396	07:30	251	2	41	8	3	2	0	1	2		310
07:45	298	10	58	10	6	2	0	1	5	390	07:45	285	3	35	10	2	4	1	2	2		344
08:00	346	13	51	12	1	1	0	3	0	427	08:00	284	1	27	16	2	3	2	2	0		337
08:15	326	12	40	14	5	2	0	3	0	402	08:15	282	4	42	8	1	6	1	0	0		344
08:30	349	9	36	13	3	4	0	1	0	415	08:30	227	4	43	12	6	2	0	3	1		298
08:45	259	7	29	8	4	6	0	1	0	314	08:45	252	6	42	8	6	3	1	0	0		318
09:00	262	3	32	15	4	3	0	3	2	324	09:00	203	7	39	8	2	3	0	1	0		263
09:15	212	4	47	5	5	2	0	2	1	278	09:15	179	1	39	13	6	0	0	0	0		238
09:30	181	3	35	15	4	1	0	0	0	239	09:30	180	3	33	15	4	3	0	1	0		239
09:45	192	1	37	16	7	4	0	0	0	257	09:45	161	4	32	16	4	2	0	1	0		220
P/TOT	3261	87	507	138	45	32	0	22	16	4108	P/TOT	2683	36	440	142	40	32	5	16	6		3400

	TO ARM A											FROM ARM A										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	
16:00	272	6	40	10	3	2	0	2	2	337	16:00	291	2	43	9	1	2	0	6	1		355
16:15	212	2	38	6	3	0	0	2	0	263	16:15	295	4	44	8	2	0	0	7	1		361
16:30	276	4	39	2	0	2	0	0	0	323	16:30	325	4	35	2	3	4	0	3	0		376
16:45	282	0	34	7	2	6	0	1	1	333	16:45	332	5	52	8	1	1	0	1	2		402
17:00	312	3	34	5	3	1	0	4	0	362	17:00	327	6	45	10	2	3	0	4	5		402
17:15	259	3	44	8	1	1	0	1	1	318	17:15	359	1	32	6	3	1	0	3	0		405
17:30	260	2	36	6	1	3	0	2	1	311	17:30	363	7	34	4	0	2	0	2	2		414
17:45	276	3	45	4	4	2	0	0	0	334	17:45	353	1	40	2	3	1	0	5	0		405
18:00	292	2	30	3	0	4	0	2	2	335	18:00	368	5	33	3	3	5	0	2	0		419
18:15	256	1	23	7	1	1	0	1	1	291	18:15	348	7	28	7	2	1	0	1	0		394
18:30	359	5	26	4	2	4	0	1	2	403	18:30	290	4	23	4	3	2	0	1	1		328
18:45	345	6	35	2	1	1	0	3	1	394	18:45	242	3	18	3	3	3	0	4	1		277
P/TOT	3401	37	424	64	21	27	0	19	11	4004	P/TOT	3893	49	427	66	26	25	0	39	13		4538

A4040\_Wolseley Drive.xlsx WH16

NDC for  
Arup



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH16

DATE: 21/06/2012

SITE: WH16

DATE: 21/06/2012

LOCATION: A4040/Bromford Rd/Wolseley Dr Junction

DAY: THURSDAY

LOCATION: A4040/Bromford Rd/Wolseley Dr Junction

DAY: THURSDAY

	TO ARM B										FROM ARM B										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
07:00	11	0	5	1	0	0	0	0	0	17	07:00	2	0	9	1	0	0	0	0	0	12
07:15	8	0	7	2	1	0	0	1	0	19	07:15	2	0	9	2	1	0	0	0	0	14
07:30	14	0	3	1	2	0	0	0	0	20	07:30	1	0	10	3	1	0	0	0	0	15
07:45	22	0	0	0	0	0	0	0	0	22	07:45	1	0	8	1	0	0	0	0	0	10
08:00	31	0	2	0	0	0	0	0	0	33	08:00	4	0	20	1	1	0	0	0	0	26
08:15	39	0	0	1	0	0	0	0	0	40	08:15	3	0	12	2	0	0	0	0	0	17
08:30	18	0	5	0	2	0	0	1	0	26	08:30	2	0	5	0	0	0	0	0	0	7
08:45	21	0	3	2	1	0	0	0	0	27	08:45	5	0	5	2	2	0	0	0	0	14
09:00	8	0	1	4	0	0	0	0	0	13	09:00	1	0	5	3	0	0	0	0	0	9
09:15	9	0	1	0	2	0	0	0	0	12	09:15	1	0	1	1	0	0	0	0	0	3
09:30	10	0	2	1	0	0	0	0	0	13	09:30	5	0	4	1	1	0	0	0	0	11
09:45	6	0	4	4	0	0	0	0	0	14	09:45	3	0	5	1	2	0	0	0	0	11
P/TOT	197	0	33	16	8	0	0	2	0	256	P/TOT	30	0	93	18	8	0	0	0	0	149

TO ARM B											FROM ARM B											
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	
16:00	5	0	4	1	2	0	0	0	0	12	16:00	16	0	0	0	1	0	0	0	0	17	
16:15	5	0	4	0	0	0	0	0	0	9	16:15	8	0	4	0	0	0	0	1	0	13	
16:30	5	0	6	0	0	0	0	0	0	11	16:30	6	0	4	0	0	0	0	0	0	10	
16:45	16	0	7	0	0	0	0	0	0	23	16:45	13	0	3	0	0	0	0	0	0	16	
17:00	3	0	3	0	1	0	0	0	0	7	17:00	16	0	7	0	0	0	0	0	0	23	
17:15	5	0	2	1	3	0	0	0	0	11	17:15	32	0	4	0	0	0	0	1	0	37	
17:30	8	0	6	1	0	0	0	0	0	15	17:30	26	0	4	1	0	0	0	0	1	32	
17:45	20	0	7	0	2	0	0	0	0	29	17:45	21	0	6	0	2	0	0	0	0	29	
18:00	5	0	7	0	0	0	0	0	0	12	18:00	15	0	7	1	0	0	0	0	0	23	
18:15	5	0	9	2	1	0	0	0	0	17	18:15	13	0	6	0	1	0	0	0	0	20	
18:30	12	0	3	1	2	0	0	0	0	18	18:30	9	0	6	0	1	0	0	0	0	16	
18:45	9	0	3	0	3	0	0	0	0	15	18:45	15	0	7	0	2	0	0	0	0	24	
P/TOT	98	0	61	6	14	0	0	0	0	179	P/TOT	190	0	58	2	7	0	0	2	1	260	

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NDC for  
Arup



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH16

DATE: 21/06/2012

SITE: WH16

DATE: 21/06/2012

LOCATION: A4040/Bromford Rd/Wolseley Dr Junction

DAY: THURSDAY

LOCATION: A4040/Bromford Rd/Wolseley Dr Junction

DAY: THURSDAY

TO ARM C											FROM ARM C											
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	
07:00	116	0	24	7	3	2	0	1	1	154	07:00	130	1	20	6	1	2	0	4	3		167
07:15	167	0	17	9	0	2	0	3	0	198	07:15	153	4	23	5	0	4	0	3	3		195
07:30	192	1	35	5	1	2	0	1	2	239	07:30	146	2	24	10	3	2	0	0	2		189
07:45	193	3	22	8	2	4	1	2	2	237	07:45	154	4	32	6	5	3	0	1	5		210
08:00	187	0	21	12	2	2	0	1	0	225	08:00	192	7	22	12	0	2	0	2	0		237
08:15	177	1	28	4	1	6	0	0	0	217	08:15	205	3	25	11	5	2	0	2	0		253
08:30	162	4	25	8	3	2	0	2	1	207	08:30	200	3	23	10	3	4	0	1	0		244
08:45	180	3	28	4	5	3	0	0	0	223	08:45	142	3	19	5	4	5	0	1	0		179
09:00	156	4	33	7	2	3	0	0	0	205	09:00	156	2	23	10	4	3	0	0	1		199
09:15	125	1	30	11	4	0	0	0	0	171	09:15	134	1	34	4	4	3	0	1	1		182
09:30	139	4	30	9	4	3	0	0	0	189	09:30	117	2	28	12	3	2	0	0	0		164
09:45	121	3	29	10	4	2	0	1	0	170	09:45	131	1	23	11	2	4	0	0	0		172
P/TOT	1915	24	322	94	31	31	1	11	6	2435	P/TOT	1860	33	296	102	34	36	0	15	15		2391

	TO ARM C											FROM ARM C										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	
16:00	158	1	23	4	0	1	0	3	1	191	16:00	195	3	31	11	2	3	0	1	2	248	
16:15	164	1	24	5	2	0	0	4	0	200	16:15	139	0	21	2	3	0	0	2	0	167	
16:30	190	2	18	2	3	4	0	1	0	220	16:30	212	1	26	1	0	2	0	0	0	242	
16:45	177	2	23	6	1	1	0	0	0	210	16:45	200	0	19	4	2	7	0	1	0	233	
17:00	183	4	20	8	1	3	0	4	5	228	17:00	218	1	20	2	3	1	0	4	0	249	
17:15	211	1	16	5	1	1	0	4	0	239	17:15	168	2	25	7	1	2	0	1	1	207	
17:30	206	5	19	3	0	2	0	0	2	237	17:30	187	0	27	3	1	4	0	1	1	224	
17:45	203	0	23	1	1	1	0	4	0	233	17:45	203	1	33	4	2	3	0	0	0	246	
18:00	229	4	21	3	3	5	0	1	0	266	18:00	220	1	16	1	0	4	0	2	2	246	
18:15	201	3	12	2	2	1	0	1	0	222	18:15	179	0	15	4	0	2	0	1	1	202	
18:30	174	2	16	3	1	2	0	0	1	199	18:30	251	2	16	4	1	6	0	1	2	283	
18:45	155	2	10	3	0	3	0	3	1	177	18:45	248	3	17	1	0	1	0	3	1	274	
P/TOT	2251	27	225	45	15	24	0	25	10	2622	P/TOT	2420	14	266	44	15	35	0	17	10	2821	

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NDC for  
Arup



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH16

DATE: 21/06/2012

SITE: WH16

DATE: 21/06/2012

LOCATION: A4040/Bromford Rd/Wolseley Dr Junction

DAY: THURSDAY

LOCATION: A4040/Bromford Rd/Wolseley Dr Junction

DAY: THURSDAY

	TO ARM D											FROM ARM D										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	
07:00	40	0	11	5	0	0	0	1	0	57	07:00	115	3	21	4	0	0	0	1	0	144	
07:15	50	1	12	9	0	1	0	0	0	73	07:15	136	4	20	3	0	0	0	0	0	163	
07:30	56	1	7	5	0	0	0	0	0	69	07:30	175	11	19	4	0	0	0	1	0	210	
07:45	84	0	15	3	0	1	0	0	0	103	07:45	157	6	20	4	1	0	0	0	0	188	
08:00	81	1	10	6	0	2	2	1	0	103	08:00	165	6	15	1	0	0	0	1	0	188	
08:15	88	4	21	6	0	0	1	0	0	120	08:15	140	10	10	4	0	0	0	1	0	165	
08:30	62	2	17	4	1	1	0	0	0	87	08:30	162	8	12	3	0	1	0	0	0	186	
08:45	62	3	15	4	2	1	1	0	0	88	08:45	123	4	9	3	0	2	0	0	0	141	
09:00	46	3	9	0	0	0	0	1	0	59	09:00	112	1	8	5	0	0	0	3	1	130	
09:15	56	0	10	4	0	1	0	0	0	71	09:15	88	3	14	2	1	0	0	1	0	109	
09:30	43	0	8	6	0	1	0	1	0	59	09:30	71	2	10	3	0	0	0	0	0	86	
09:45	42	3	6	4	0	1	0	0	0	56	09:45	66	2	16	6	3	1	0	0	0	94	
P/TOT	710	18	141	56	3	9	4	4	0	945	P/TOT	1510	60	174	42	5	4	0	8	1	1804	

TO ARM D											FROM ARM D											
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	
16:00	142	1	19	6	0	2	0	3	0	173	16:00	75	3	12	1	1	0	0	1	0	93	
16:15	134	3	19	3	0	0	0	4	1	164	16:15	73	2	16	4	0	0	0	0	0	95	
16:30	138	2	15	0	0	1	0	2	0	158	16:30	66	3	13	1	0	1	0	0	0	84	
16:45	156	3	23	2	0	1	0	1	2	188	16:45	86	0	13	3	0	0	0	0	1	103	
17:00	151	2	24	2	0	0	0	0	0	179	17:00	88	2	9	3	0	0	0	0	0	102	
17:15	169	0	17	1	0	1	0	0	0	188	17:15	85	1	18	2	1	0	0	0	0	107	
17:30	167	2	15	1	0	1	0	2	1	189	17:30	65	2	11	3	0	0	0	1	0	82	
17:45	144	1	16	1	0	1	0	1	0	164	17:45	66	2	12	0	0	0	0	0	0	80	
18:00	143	1	8	0	0	0	0	1	0	153	18:00	66	1	10	1	0	0	0	0	0	78	
18:15	150	4	15	3	0	1	0	0	0	173	18:15	72	1	10	3	1	0	0	0	0	87	
18:30	121	2	6	1	1	2	0	1	0	134	18:30	116	3	6	1	1	0	0	0	0	127	
18:45	94	1	8	0	1	0	0	1	0	105	18:45	98	3	14	1	0	0	0	0	0	116	
P/TOT	1709	22	185	20	2	10	0	16	4	1968	P/TOT	956	23	144	23	4	1	0	2	1	1154	

A4040\_Wolseley Drive.xlsx WH16

NDC for  
Arup

SITE: WH16

DATE: 21/06/2012

LOCATION: A4040/Bromford Rd/Wolseley Dr Junction

DAY: THURSDAY

TIME	JUNCTION TOTAL									TOT
	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
07:00	408	4	85	23	4	4	0	7	4	539
07:15	509	9	84	26	2	6	0	6	3	645
07:30	573	15	94	25	7	4	0	2	4	724
07:45	597	13	95	21	8	7	1	3	7	752
08:00	645	14	84	30	3	5	2	5	0	788
08:15	630	17	89	25	6	8	1	3	0	779
08:30	591	15	83	25	9	7	0	4	1	735
08:45	522	13	75	18	12	10	1	1	0	652
09:00	472	10	75	26	6	6	0	4	2	601
09:15	402	5	88	20	11	3	0	2	1	532
09:30	373	7	75	31	8	5	0	1	0	500
09:45	361	7	76	34	11	7	0	1	0	497
<b>P/TOT</b>	<b>6083</b>	<b>129</b>	<b>1003</b>	<b>304</b>	<b>87</b>	<b>72</b>	<b>5</b>	<b>39</b>	<b>22</b>	<b>7744</b>

PEAK HOUR CALCULATION	
07:00 to 08:00	2660
07:15 to 08:15	2909
07:30 to 08:30	3043
07:45 to 08:45	<b>3054</b>
08:00 to 09:00	2954
08:15 to 09:15	2767
08:30 to 09:30	2520
08:45 to 09:45	2285
09:00 to 10:00	2130
<b>PEAK VALUE</b>	<b>3054</b>

TIME	JUNCTION TOTAL									TOT
	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
16:00	577	8	86	21	5	5	0	8	3	713
16:15	515	6	85	14	5	0	0	10	1	636
16:30	609	8	78	4	3	7	0	3	0	712
16:45	631	5	87	15	3	8	0	2	3	754
17:00	649	9	81	15	5	4	0	8	5	776
17:15	644	4	79	15	5	3	0	5	1	756
17:30	641	9	76	11	1	6	0	4	4	752
17:45	643	4	91	6	7	4	0	5	0	760
18:00	669	7	66	6	3	9	0	4	2	766
18:15	612	8	59	14	4	3	0	2	1	703
18:30	666	9	51	9	6	8	0	2	3	754
18:45	603	9	56	5	5	4	0	7	2	691
<b>P/TOT</b>	<b>7459</b>	<b>86</b>	<b>895</b>	<b>135</b>	<b>52</b>	<b>61</b>	<b>0</b>	<b>60</b>	<b>25</b>	<b>8773</b>

PEAK HOUR CALCULATION	
16:00 to 17:00	2815
16:15 to 17:15	2878
16:30 to 17:30	2998
16:45 to 17:45	3038
17:00 to 18:00	<b>3044</b>
17:15 to 18:15	3034
17:30 to 18:30	2981
17:45 to 18:45	2983
18:00 to 19:00	2914
<b>PEAK VALUE</b>	<b>3044</b>



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH13

DATE: 21/06/2012

SITE: WH13

DATE: 21/06/2012

LOCATION: A47 / B4114 / Mainstream Way

DAY: THURSDAY

LOCATION: A47 / B4114 / Mainstream Way

DAY: THURSDAY

A to D										TOT	A to C										TOT
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL		TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
07:00	24	0	7	2	2	0	2	0	1	38	07:00	26	0	7	2	0	6	0	0	0	41
07:15	35	0	6	2	3	0	0	1	0	47	07:15	29	0	7	0	1	10	0	0	0	47
07:30	51	1	13	7	1	1	3	0	0	77	07:30	57	0	8	4	0	9	3	0	0	81
07:45	51	1	13	2	2	1	1	0	2	73	07:45	53	2	10	7	0	11	0	0	0	83
08:00	39	0	9	4	5	0	1	1	0	59	08:00	70	0	22	0	0	8	0	0	0	100
08:15	64	1	12	5	3	0	1	0	0	86	08:15	97	0	17	0	4	7	0	0	0	125
08:30	50	0	18	3	1	0	1	2	0	75	08:30	111	3	22	11	0	12	0	0	0	159
08:45	57	1	11	2	4	1	1	0	1	78	08:45	106	3	10	0	0	8	3	0	0	130
09:00	43	1	8	4	3	0	0	0	0	59	09:00	104	0	13	3	2	7	0	0	0	129
09:15	41	0	15	5	4	0	0	0	0	65	09:15	85	0	17	4	0	10	0	0	0	116
09:30	45	1	13	4	5	0	2	0	0	70	09:30	78	0	21	4	0	9	0	0	0	112
09:45	24	1	6	5	2	0	1	0	0	39	09:45	64	0	13	7	3	7	0	0	0	94
P/TOT	524	7	131	45	35	3	13	4	4	766	P/TOT	880	8	167	42	10	104	6	0	0	1217

A to D										TOT	A to C										TOT
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL		TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
16:00	130	1	23	3	4	0	0	4	0	165	16:00	141	0	9	4	2	8	0	0	0	164
16:15	144	2	27	4	0	0	0	0	0	177	16:15	157	0	11	4	0	15	0	0	0	187
16:30	187	1	23	4	1	0	0	1	0	217	16:30	160	0	20	0	0	4	0	1	0	185
16:45	172	1	14	2	1	0	0	1	1	192	16:45	153	2	17	0	0	11	0	0	0	183
17:00	160	1	17	2	1	0	0	1	1	183	17:00	158	3	21	0	0	11	0	0	0	193
17:15	181	0	21	6	1	0	0	1	0	210	17:15	201	1	14	0	0	5	0	0	0	221
17:30	168	1	16	1	1	0	1	1	0	189	17:30	164	4	15	3	1	10	0	0	0	197
17:45	175	1	8	2	2	0	0	1	1	190	17:45	161	3	6	0	0	6	0	0	0	176
18:00	142	0	10	1	0	0	3	1	1	158	18:00	136	0	8	0	0	12	0	0	0	156
18:15	104	0	7	1	2	0	1	0	0	115	18:15	127	0	10	3	0	5	0	0	0	145
18:30	82	1	4	0	1	0	2	1	0	91	18:30	94	2	7	0	0	6	0	0	0	109
18:45	76	0	4	1	0	0	0	1	0	82	18:45	86	2	12	0	0	4	1	1	0	106
P/TOT	1721	9	174	27	14	0	7	13	4	1969	P/TOT	1738	17	150	14	3	97	1	2	0	2022

A47\_B4114 Sattley Viaduct.xlsx 4 arm rbt

NDC for  
Arup



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH13

DATE: 21/06/2012

SITE: WH13

DATE: 21/06/2012

LOCATION: A47 / B4114 / Mainstream Way

DAY: THURSDAY

LOCATION: A47 / B4114 / Mainstream Way

DAY: THURSDAY

A to B										TOT	A to A										TOT
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL		TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
07:00	14	0	0	3	0	0	0	0	0	17	07:00	0	0	0	0	0	0	0	0	0	0
07:15	18	0	6	4	1	0	0	0	0	29	07:15	1	0	0	0	0	0	0	0	0	1
07:30	29	0	8	4	0	0	0	0	0	41	07:30	0	0	0	0	0	0	0	0	0	0
07:45	42	0	10	6	0	0	0	0	0	58	07:45	2	0	0	0	0	0	0	0	0	2
08:00	34	0	0	4	0	0	0	0	0	38	08:00	0	0	0	0	0	0	0	0	0	0
08:15	35	0	0	5	0	0	0	0	0	40	08:15	2	0	5	0	0	0	0	0	0	7
08:30	22	0	8	0	0	0	0	0	0	30	08:30	0	0	0	0	0	0	0	0	0	0
08:45	17	0	6	0	2	0	0	0	0	25	08:45	0	0	0	0	0	0	0	0	0	0
09:00	18	0	7	0	0	0	0	0	0	25	09:00	0	0	0	0	0	0	0	0	0	0
09:15	15	0	3	0	4	0	0	0	0	22	09:15	0	0	0	5	0	0	0	0	0	5
09:30	12	0	5	4	0	0	0	0	0	21	09:30	0	0	0	0	0	0	0	0	0	0
09:45	12	0	5	0	0	0	0	0	0	17	09:45	0	0	0	3	0	0	0	0	0	3
P/TOT	268	0	58	30	7	0	0	0	0	363	P/TOT	5	0	5	8	0	0	0	0	0	18

A to B										TOT	A to A										TOT
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL		TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
16:00	0	0	4	0	0	0	0	0	0	4	16:00	0	0	3	3	0	0	0	0	0	6
16:15	0	0	0	0	0	0	0	0	0	0	16:15	0	0	1	0	0	0	0	0	0	1
16:30	0	0	0	0	0	0	0	0	0	0	16:30	0	0	0	0	0	0	0	0	0	0
16:45	0	0	4	0	0	0	0	0	0	4	16:45	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	2	0	0	0	0	0	2	17:00	0	0	0	0	0	0	0	0	0	0
17:15	0	0	4	0	0	0	0	0	0	4	17:15	0	0	0	0	0	0	0	0	0	0
17:30	0	0	5	0	0	0	0	0	0	5	17:30	0	0	5	0	0	0	0	0	0	5
17:45	0	0	1	0	0	0	0	0	0	1	17:45	0	0	0	0	0	0	0	0	0	0
18:00	4	0	0	3	0	0	0	0	0	7	18:00	0	0	0	0	0	0	0	0	0	0
18:15	6	0	0	0	0	0	0	0	0	6	18:15	0	0	0	0	0	0	0	0	0	0
18:30	5	0	3	0	0	0	0	0	0	8	18:30	2	0	0	0	0	0	0	0	0	2
18:45	0	0	0	0	0	0	0	0	0	0	18:45	0	0	0	0	0	0	0	0	0	0
P/TOT	15	0	21	5	0	0	0	0	0	41	P/TOT	2	0	9	3	0	0	0	0	0	14

A47\_B4114 Sattley Viaduct.xlsx 4 arm rbt

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2111 / WEST MIDLANDS HS2  
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2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH13

DATE: 21/06/2012

SITE: WH13

DATE: 21/06/2012

LOCATION: A47 / B4114 / Mainstream Way

DAY: THURSDAY

LOCATION: A47 / B4114 / Mainstream Way

DAY: THURSDAY

B to A										TOT	B to D										TOT
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL		TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
07:00	1	0	1	0	0	0	0	0	0	2	07:00	0	0	2	0	0	0	0	0	0	2
07:15	0	0	4	0	0	0	0	0	0	4	07:15	2	0	1	0	0	0	0	0	0	3
07:30	1	0	7	0	0	0	0	0	0	8	07:30	3	0	4	0	1	0	0	0	0	8
07:45	2	0	3	1	0	0	0	0	0	6	07:45	2	0	3	0	1	0	0	0	0	6
08:00	2	0	5	1	0	0	0	0	0	8	08:00	1	0	6	1	1	0	0	0	0	9
08:15	1	0	1	2	0	0	0	0	0	4	08:15	2	0	11	0	0	0	0	0	0	13
08:30	2	0	5	0	0	0	0	0	0	7	08:30	3	0	5	6	0	0	0	0	0	14
08:45	1	0	4	0	0	0	0	0	0	5	08:45	1	0	2	5	2	0	0	0	0	10
09:00	0	0	2	0	0	0	0	0	0	2	09:00	4	0	4	4	0	0	0	0	0	12
09:15	1	0	4	0	1	0	0	0	0	6	09:15	2	0	3	3	0	0	0	0	0	8
09:30	2	0	2	1	0	0	0	0	0	5	09:30	5	0	3	2	1	0	0	0	0	11
09:45	0	0	1	0	0	0	0	0	0	1	09:45	3	0	3	1	0	0	0	0	0	7
P/TOT	13	0	39	5	1	0	0	0	0	58	P/TOT	28	0	47	22	6	0	0	0	0	103

B to A										TOT	B to D										TOT
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL		TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
16:00	4	0	2	1	1	0	0	0	0	8	16:00	43	0	6	2	0	0	0	0	0	51
16:15	2	0	4	0	0	0	0	0	0	6	16:15	16	0	5	0	1	0	0	0	0	22
16:30	5	0	3	0	0	0	0	0	0	8	16:30	28	0	3	1	0	0	0	0	0	32
16:45	3	0	1	1	0	0	0	0	0	5	16:45	22	0	4	2	0	0	0	0	0	28
17:00	10	0	4	0	0	0	0	0	0	14	17:00	27	0	7	0	0	0	0	0	0	34
17:15	3	0	2	0	0	0	0	1	0	6	17:15	14	0	2	0	0	0	0	0	0	16
17:30	4	0	2	0	0	0	0	0	1	7	17:30	32	0	0	1	1	0	0	0	0	34
17:45	2	0	1	0	0	0	0	0	0	3	17:45	11	0	6	0	0	0	0	0	0	17
18:00	2	0	2	0	0	0	0	0	0	4	18:00	13	0	2	0	0	0	0	0	0	15
18:15	2	0	1	0	0	0	0	0	0	3	18:15	7	0	1	0	1	0	0	0	0	9
18:30	3	0	1	0	0	0	0	0	0	4	18:30	7	0	5	0	1	0	0	0	0	13
18:45	4	0	1	0	0	0	0	0	0	5	18:45	7	0	1	0	0	0	0	0	0	8
P/TOT	44	0	24	2	1	0	0	1	1	73	P/TOT	227	0	42	6	4	0	0	0	0	279

A47\_B4114 Sattley Viaduct.xlsx 4 arm rbt

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JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH13

DATE: 21/06/2012

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DATE: 21/06/2012

LOCATION: A47 / B4114 / Mainstream Way

DAY: THURSDAY

LOCATION: A47 / B4114 / Mainstream Way

DAY: THURSDAY

B to C										TOT	B to B										TOT
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL		TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
07:00	0	0	0	0	0	2	0	0	0	2	07:00	0	0	0	0	0	0	0	0	0	0
07:15	0	0	1	0	0	1	0	0	0	2	07:15	0	0	0	0	0	0	0	0	0	0
07:30	0	0	2	2	0	3	0	0	0	7	07:30	0	0	0	0	0	0	0	0	0	0
07:45	0	0	4	0	0	2	0	0	0	6	07:45	0	0	0	0	0	0	0	0	0	0
08:00	0	0	1	0	1	2	0	0	0	4	08:00	0	0	0	0	0	0	0	0	0	0
08:15	1	0	0	0	0	3	0	0	0	4	08:15	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	1	0	0	0	1	08:30	0	0	0	0	0	0	0	0	0	0
08:45	4	0	1	0	0	3	0	0	0	8	08:45	0	0	0	0	0	0	0	0	0	0
09:00	2	0	2	0	0	2	0	0	0	6	09:00	0	0	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	2	0	0	0	2	09:15	0	0	0	0	0	0	0	0	0	0
09:30	2	0	0	0	0	1	0	0	0	3	09:30	0	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	3	0	0	0	3	09:45	0	0	0	0	0	0	0	0	0	0
P/TOT	9	0	11	2	1	25	0	0	0	48	P/TOT	0	0	0	0	0	0	0	0	0	0

B to C										TOT	B to B										TOT
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL		TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
16:00	4	0	0	0	0	1	0	0	0	5	16:00	0	0	0	0	0	0	0	0	0	0
16:15	1	0	1	0	0	3	0	0	0	5	16:15	0	0	0	0	0	0	0	0	0	0
16:30	4	0	0	0	0	3	0	0	0	7	16:30	0	0	0	0	0	0	0	0	0	0
16:45	5	0	0	0	0	0	0	0	0	5	16:45	0	0	0	0	0	0	0	0	0	0
17:00	5	0	0	0	0	5	0	0	0	10	17:00	0	0	0	0	0	0	0	0	0	0
17:15	1	0	0	0	0	1	0	0	0	2	17:15	0	0	0	0	0	0	0	0	0	0
17:30	2	0	0	0	1	1	0	0	0	4	17:30	0	0	0	0	0	0	0	0	0	0
17:45	5	0	0	0	0	4	0	0	0	9	17:45	0	0	0	0	0	0	0	0	0	0
18:00	3	0	0	0	0	1	0	0	0	4	18:00	0	0	0	0	0	0	0	0	0	0
18:15	3	0	1	0	0	2	0	0	0	6	18:15	0	0	0	0	0	0	0	0	0	0
18:30	5	0	0	0	0	2	0	0	0	7	18:30	0	0	0	0	0	0	0	0	0	0
18:45	1	0	1	0	0	1	0	0	0	3	18:45	0	0	0	0	0	0	0	0	0	0
P/TOT	39	0	3	0	1	24	0	0	0	67	P/TOT	0	0	0	0	0	0	0	0	0	0

A47\_B4114 Sattley Viaduct.xlsx 4 arm rbt

NDC for  
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SITE: WH13

DATE: 21/06/2012

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LOCATION: A47 / B4114 / Mainstream Way

DAY: THURSDAY

LOCATION: A47 / B4114 / Mainstream Way

DAY: THURSDAY

C to B										TOT	C to A										TOT
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL		TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
07:00	3	0	3	0	0	2	0	0	0	8	07:00	47	1	10	7	5	9	0	0	0	79
07:15	8	0	1	0	0	1	0	0	0	10	07:15	76	0	10	5	4	10	0	0	0	105
07:30	3	0	1	0	0	1	0	0	0	5	07:30	115	0	11	2	5	9	0	2	0	144
07:45	5	0	0	2	0	1	0	0	0	8	07:45	133	4	27	4	1	11	0	2	0	182
08:00	5	0	1	0	0	1	0	0	0	7	08:00	126	0	9	3	1	11	0	0	0	150
08:15	6	0	1	0	0	2	0	0	0	9	08:15	132	2	10	3	2	10	0	0	0	159
08:30	10	0	2	0	0	2	0	0	0	14	08:30	129	3	11	3	1	8	0	0	0	155
08:45	7	0	0	1	0	2	0	0	0	10	08:45	133	5	12	3	1	9	0	0	0	163
09:00	0	0	1	1	0	1	0	0	0	3	09:00	115	3	13	2	3	8	1	0	0	145
09:15	5	0	1	1	0	3	0	0	0	10	09:15	80	0	21	3	0	6	3	2	0	115
09:30	4	0	0	0	0	2	0	0	0	6	09:30	107	0	11	6	1	11	1	0	0	137
09:45	5	0	1	0	0	3	0	0	0	9	09:45	113	1	17	8	0	10	2	2	0	153
P/TOT	61	0	12	5	0	21	0	0	0	99	P/TOT	1306	19	162	49	24	112	7	8	0	1687

C to B										TOT	C to A										TOT
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL		TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
16:00	1	0	2	0	0	3	0	0	0	6	16:00	139	0	21	4	0	9	2	0	0	175
16:15	2	0	2	0	0	0	0	0	0	4	16:15	132	2	13	1	0	8	0	0	0	156
16:30	2	0	0	0	0	2	0	0	0	4	16:30	128	4	17	2	2	12	1	0	0	166
16:45	2	0	0	0	0	4	0	0	0	6	16:45	120	0	12	1	2	3	2	0	0	140
17:00	4	0	0	0	0	0	0	0	0	4	17:00	128	4	11	2	2	9	1	0	0	157
17:15	0	0	0	0	0	2	0	0	0	2	17:15	155	2	12	0	1	9	0	2	0	181
17:30	0	0	1	0	1	4	0	0	0	6	17:30	117	0	14	1	1	14	1	0	0	148
17:45	1	0	1	0	0	3	0	0	0	5	17:45	138	0	9	0	0	7	0	0	0	154
18:00	3	0	0	0	0	2	0	0	0	5	18:00	144	2	9	0	0	7	1	0	0	163
18:15	0	0	0	0	0	1	0	0	0	1	18:15	105	0	11	3	1	6	1	1	0	128
18:30	2	0	0	0	0	2	0	0	0	4	18:30	101	1	5	0	1	6	1	0	0	115
18:45	2	0	0	0	0	1	0	0	0	3	18:45	94	1	7	1	0	5	0	0	0	108
P/TOT	19	0	6	0	1	24	0	0	0	50	P/TOT	1501	16	141	15	10	95	10	3	0	1791

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LOCATION: A47 / B4114 / Mainstream Way

DAY: THURSDAY

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DAY: THURSDAY

C to D										TOT	C to C										TOT
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL		TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
07:00	11	0	4	0	4	0	1	0	0	20	07:00	0	0	0	0	0	0	0	0	0	0
07:15	7	0	4	4	2	0	0	0	0	17	07:15	0	0	0	0	0	0	0	0	0	0
07:30	10	0	4	0	5	0	0	0	0	19	07:30	0	0	1	0	0	0	0	0	0	1
07:45	14	0	3	0	2	0	0	0	0	19	07:45	0	0	0	0	0	0	0	0	0	0
08:00	15	0	10	2	5	0	1	0	0	33	08:00	0	0	0	0	0	0	0	0	0	0
08:15	18	0	4	3	2	0	2	0	0	29	08:15	0	0	0	0	0	0	0	0	0	0
08:30	14	0	1	1	1	0	3	0	0	20	08:30	0	0	0	0	0	0	0	0	0	0
08:45	16	0	5	2	4	0	1	0	0	28	08:45	0	0	0	0	0	0	0	0	0	0
09:00	20	0	9	1	1	0	0	0	0	31	09:00	0	0	0	0	0	0	0	0	0	0
09:15	15	0	8	1	0	0	0	0	0	24	09:15	0	0	0	0	0	0	0	0	0	0
09:30	12	0	7	2	3	0	0	0	0	24	09:30	0	0	0	0	0	0	0	0	0	0
09:45	15	0	10	0	5	0	0	0	0	30	09:45	0	0	0	0	0	0	0	0	0	0
P/TOT	167	0	69	16	34	0	8	0	0	294	P/TOT	0	0	1	0	0	0	0	0	0	1

C to D										TOT	C to C										TOT
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL		TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
16:00	22	0	6	3	4	0	0	0	0	35	16:00	0	0	0	0	0	0	0	0	0	0
16:15	29	0	12	0	0	0	0	0	0	41	16:15	0	0	0	0	0	0	0	0	0	0
16:30	45	0	2	0	0	0	0	0	0	47	16:30	0	0	0	0	0	0	0	0	0	0
16:45	23	0	3	0	0	0	0	0	0	26	16:45	0	0	0	0	0	0	0	0	0	0
17:00	38	0	4	0	2	0	0	0	0	44	17:00	0	0	0	0	0	0	0	0	0	0
17:15	25	0	2	0	0	0	0	0	0	27	17:15	0	0	0	0	0	0	0	0	0	0
17:30	34	0	0	2	2	0	0	0	0	38	17:30	0	0	0	0	0	0	0	0	0	0
17:45	19	0	3	0	0	0	0	0	0	22	17:45	0	0	0	0	0	0	0	0	0	0
18:00	24	0	3	1	0	0	0	0	0	28	18:00	0	0	0	0	0	0	0	0	0	0
18:15	35	0	1	0	0	0	0	0	0	36	18:15	0	0	0	0	0	0	0	0	0	0
18:30	29	0	5	2	0	0	0	0	0	36	18:30	0	0	0	0	0	0	0	0	0	0
18:45	27	0	3	0	1	0	0	0	0	31	18:45	0	0	0	0	0	0	0	0	0	0
P/TOT	350	0	44	8	9	0	0	0	0	411	P/TOT	0	0	0	0	0	0	0	0	0	0

A47\_B4114 Sattley Viaduct.xlsx 4 arm rbt

NDC for  
Arup



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH13

DATE: 21/06/2012

SITE: WH13

DATE: 21/06/2012

LOCATION: A47 / B4114 / Mainstream Way

DAY: THURSDAY

LOCATION: A47 / B4114 / Mainstream Way

DAY: THURSDAY

	D to C											D to B									
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
07:00	17	0	3	3	1	0	0	0	0	24	07:00	0	0	0	0	0	0	0	0	0	0
07:15	19	0	7	1	0	0	0	0	0	27	07:15	0	0	0	0	0	0	0	0	0	0
07:30	28	0	2	1	0	0	1	0	0	32	07:30	0	0	0	0	0	0	0	0	0	0
07:45	27	0	2	2	2	0	1	0	0	34	07:45	0	0	0	0	0	0	0	0	0	0
08:00	32	0	5	1	2	0	2	0	0	42	08:00	0	0	0	0	0	0	0	0	0	0
08:15	26	0	7	1	3	0	0	0	0	37	08:15	0	0	0	0	0	0	0	0	0	0
08:30	23	0	6	0	3	0	1	0	0	33	08:30	0	0	0	0	0	0	0	0	0	0
08:45	23	0	7	2	4	0	0	0	0	36	08:45	0	0	0	0	0	0	0	0	0	0
09:00	16	0	4	1	6	0	0	0	0	27	09:00	0	0	0	0	0	0	0	0	0	0
09:15	21	0	1	1	1	0	0	0	0	24	09:15	0	0	0	0	0	0	0	0	0	0
09:30	17	0	9	3	4	0	0	0	0	33	09:30	0	0	0	0	0	0	0	0	0	0
09:45	15	0	6	0	2	0	0	0	0	23	09:45	0	0	0	0	0	0	0	0	0	0
P/TOT	264	0	59	16	28	0	5	0	0	372	P/TOT	0	0	0	0	0	0	0	0	0	0

D to C											D to B										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
16:00	21	1	4	4	1	0	0	0	0	31	16:00	8	0	5	0	1	0	0	0	0	14
16:15	19	0	2	3	1	0	2	0	0	27	16:15	19	0	10	1	0	0	0	0	0	30
16:30	15	0	1	2	1	0	0	0	0	19	16:30	14	0	0	2	0	0	0	0	0	16
16:45	19	0	4	1	0	0	0	0	0	24	16:45	10	0	3	1	0	0	0	0	0	14
17:00	16	0	4	0	1	0	0	0	0	21	17:00	10	0	8	0	1	0	0	0	0	19
17:15	22	0	4	0	1	0	0	0	0	27	17:15	15	0	1	4	0	0	0	0	0	20
17:30	18	0	5	1	1	0	0	0	0	25	17:30	13	0	0	0	0	0	0	0	0	13
17:45	20	1	0	3	0	0	0	0	0	24	17:45	5	0	1	0	0	0	0	0	0	6
18:00	16	0	1	0	1	0	0	0	2	20	18:00	0	0	0	4	0	0	0	0	0	4
18:15	12	0	1	0	0	0	0	0	0	13	18:15	4	0	2	0	0	0	0	0	0	6
18:30	17	0	0	0	4	0	0	0	0	21	18:30	7	0	0	0	0	0	0	0	0	7
18:45	14	1	1	0	0	0	0	0	0	16	18:45	2	0	1	0	3	0	0	0	0	6
P/TOT	209	3	27	14	11	0	2	0	2	268	P/TOT	107	0	31	12	5	0	0	0	0	155

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2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH13

DATE: 21/06/2012

SITE: WH13

DATE: 21/06/2012

LOCATION: A47 / B4114 / Mainstream Way

DAY: THURSDAY

LOCATION: A47 / B4114 / Mainstream Way

DAY: THURSDAY

TIME	D to A									TOT	TIME	D to D									TOT
	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL			CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
07:00	92	0	21	7	1	0	0	0	0	121	07:00	0	0	0	0	0	0	0	0	0	0
07:15	115	0	22	4	3	0	0	2	1	147	07:15	0	0	0	0	0	0	0	0	0	0
07:30	139	1	29	4	0	0	0	0	0	173	07:30	0	0	0	0	0	0	0	0	0	0
07:45	183	0	27	4	2	0	0	0	0	216	07:45	0	0	0	0	0	0	0	0	0	0
08:00	211	0	23	7	3	0	0	0	0	244	08:00	0	0	0	0	0	0	0	0	0	0
08:15	222	0	21	6	2	0	0	0	0	251	08:15	0	0	0	0	0	0	0	0	0	0
08:30	203	2	22	6	7	0	0	2	0	242	08:30	0	0	0	0	0	0	0	0	0	0
08:45	211	0	33	13	6	0	0	0	0	263	08:45	0	0	0	0	0	0	0	0	0	0
09:00	124	1	28	10	0	0	0	0	0	163	09:00	0	0	0	0	0	0	0	0	0	0
09:15	112	0	23	4	1	0	3	0	0	143	09:15	0	0	0	0	0	0	0	0	0	0
09:30	87	0	18	9	5	0	0	0	0	119	09:30	0	0	0	0	0	0	0	0	0	0
09:45	96	1	14	8	5	0	0	0	0	124	09:45	0	0	0	0	0	0	0	0	0	0
P/TOT	1795	5	281	82	35	0	3	4	1	2206	P/TOT	0	0	0	0	0	0	0	0	0	0

	D to A											D to D										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	
16:00	74	1	17	6	3	0	0	1	0	102	16:00	0	0	0	0	0	0	0	0	0	0	0
16:15	56	5	10	6	0	2	0	0	0	79	16:15	0	0	0	1	0	0	0	0	0	1	1
16:30	96	0	13	1	1	0	0	0	0	111	16:30	0	0	0	0	0	0	0	0	0	0	0
16:45	85	0	9	2	0	0	0	0	0	96	16:45	0	0	0	0	0	0	0	0	0	0	0
17:00	67	4	4	0	0	0	0	0	0	75	17:00	0	0	0	0	0	0	0	0	0	0	0
17:15	83	2	2	0	1	0	1	1	0	90	17:15	0	0	0	0	0	0	0	0	0	0	0
17:30	91	0	9	0	1	0	0	0	0	101	17:30	0	0	0	0	0	0	0	0	0	0	0
17:45	111	0	8	0	2	0	1	0	0	122	17:45	0	0	0	0	0	0	0	0	0	0	0
18:00	84	1	8	0	0	0	0	0	0	93	18:00	0	0	0	0	1	0	0	0	0	1	1
18:15	105	0	3	4	0	0	2	0	0	114	18:15	0	0	0	0	0	0	0	0	0	0	0
18:30	87	1	9	0	0	0	0	0	0	97	18:30	0	0	0	2	0	0	0	0	0	2	2
18:45	65	1	3	0	0	0	0	0	0	69	18:45	0	0	0	0	0	0	0	0	0	0	0
P/TOT	1004	15	95	19	8	2	4	2	0	1149	P/TOT	0	0	0	3	1	0	0	0	0	0	4

A47\_B4114 Sattley Viaduct.xlsx 4 arm rbt

NDC for  
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2111 / WEST MIDLANDS HS2  
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CLASSIFIED TURNING COUNT



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JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH13

DATE: 21/06/2012

SITE: WH13

DATE: 21/06/2012

LOCATION: A47 / B4114 / Mainstream Way

DAY: THURSDAY

LOCATION: A47 / B4114 / Mainstream Way

DAY: THURSDAY

TO ARM A										FROM ARM A											
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
07:00	140	1	32	14	6	9	0	0	0	202	07:00	64	0	14	7	2	6	2	0	1	96
07:15	192	0	36	9	7	10	0	2	1	257	07:15	83	0	19	6	5	10	0	1	0	124
07:30	255	1	47	6	5	9	0	2	0	325	07:30	137	1	29	15	1	10	6	0	0	199
07:45	320	4	57	9	3	11	0	2	0	406	07:45	148	3	33	15	2	12	1	0	2	216
08:00	339	0	37	11	4	11	0	0	0	402	08:00	143	0	31	8	5	8	1	1	0	197
08:15	357	2	37	11	4	10	0	0	0	421	08:15	198	1	34	10	7	7	1	0	0	258
08:30	334	5	38	9	8	8	0	2	0	404	08:30	183	3	48	14	1	12	1	2	0	264
08:45	345	5	49	16	7	9	0	0	0	431	08:45	180	4	27	2	6	9	4	0	1	233
09:00	239	4	43	12	3	8	1	0	0	310	09:00	165	1	28	7	5	7	0	0	0	213
09:15	193	0	48	12	2	6	6	2	0	269	09:15	141	0	35	14	8	10	0	0	0	208
09:30	196	0	31	16	6	11	1	0	0	261	09:30	135	1	39	12	5	9	2	0	0	203
09:45	209	2	32	19	5	10	2	2	0	281	09:45	100	1	24	15	5	7	1	0	0	153
P/TOT	3119	24	487	144	60	112	10	12	1	3969	P/TOT	1677	15	361	125	52	107	19	4	4	2364

TO ARM A										FROM ARM A											
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
16:00	217	1	43	14	4	9	2	1	0	291	16:00	271	1	39	10	6	8	0	4	0	339
16:15	190	7	28	7	0	10	0	0	0	242	16:15	301	2	39	8	0	15	0	0	0	365
16:30	229	4	33	3	3	12	1	0	0	285	16:30	347	1	43	4	1	4	0	2	0	402
16:45	208	0	22	4	2	3	2	0	0	241	16:45	325	3	35	2	1	11	0	1	1	379
17:00	205	8	19	2	2	9	1	0	0	246	17:00	318	4	38	4	1	11	0	1	1	378
17:15	241	4	16	0	2	9	1	4	0	277	17:15	382	1	39	6	1	5	0	1	0	435
17:30	212	0	30	1	2	14	1	0	1	261	17:30	332	5	41	4	2	10	1	1	0	396
17:45	251	0	18	0	2	7	1	0	0	279	17:45	336	4	15	2	2	6	0	1	1	367
18:00	230	3	19	0	0	7	1	0	0	260	18:00	282	0	18	4	0	12	3	1	1	321
18:15	212	0	15	7	1	6	3	1	0	245	18:15	237	0	17	4	2	5	1	0	0	266
18:30	193	2	15	0	1	6	1	0	0	218	18:30	183	3	14	0	1	6	2	1	0	210
18:45	163	2	11	1	0	5	0	0	0	182	18:45	162	2	16	1	0	4	1	2	0	188
P/TOT	2551	31	269	39	19	97	14	6	1	3027	P/TOT	3476	26	354	49	17	97	8	15	4	4046

A47\_B4114 Sattley Viaduct.xlsx 4 arm rbt

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2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH13

DATE: 21/06/2012

SITE: WH13

DATE: 21/06/2012

LOCATION: A47 / B4114 / Mainstream Way

DAY: THURSDAY

LOCATION: A47 / B4114 / Mainstream Way

DAY: THURSDAY

TIME	TO ARM B										TOT	TIME	FROM ARM B										TOT
	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	CAR			TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL			
07:00	17	0	3	3	0	2	0	0	0	25	07:00	1	0	3	0	0	2	0	0	0	6		
07:15	26	0	7	4	1	1	0	0	0	39	07:15	2	0	6	0	0	1	0	0	0	9		
07:30	32	0	9	4	0	1	0	0	0	46	07:30	4	0	13	2	1	3	0	0	0	23		
07:45	47	0	10	8	0	1	0	0	0	66	07:45	4	0	10	1	1	2	0	0	0	18		
08:00	39	0	1	4	0	1	0	0	0	45	08:00	3	0	12	2	2	2	0	0	0	21		
08:15	41	0	1	5	0	2	0	0	0	49	08:15	4	0	12	2	0	3	0	0	0	21		
08:30	32	0	10	0	0	2	0	0	0	44	08:30	5	0	10	6	0	1	0	0	0	22		
08:45	24	0	6	1	2	2	0	0	0	35	08:45	6	0	7	5	2	3	0	0	0	23		
09:00	18	0	8	1	0	1	0	0	0	28	09:00	6	0	8	4	0	2	0	0	0	20		
09:15	20	0	4	1	4	3	0	0	0	32	09:15	3	0	7	3	1	2	0	0	0	16		
09:30	16	0	5	4	0	2	0	0	0	27	09:30	9	0	5	3	1	1	0	0	0	19		
09:45	17	0	6	0	0	3	0	0	0	26	09:45	3	0	4	1	0	3	0	0	0	11		
P/TOT	329	0	70	35	7	21	0	0	0	462	P/TOT	50	0	97	29	8	25	0	0	0	209		

TO ARM B											FROM ARM B										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
16:00	9	0	11	0	1	3	0	0	0	24	16:00	51	0	8	3	1	1	0	0	0	64
16:15	21	0	12	1	0	0	0	0	0	34	16:15	19	0	10	0	1	3	0	0	0	33
16:30	16	0	0	2	0	2	0	0	0	20	16:30	37	0	6	1	0	3	0	0	0	47
16:45	12	0	7	1	0	4	0	0	0	24	16:45	30	0	5	3	0	0	0	0	0	38
17:00	14	0	8	2	1	0	0	0	0	25	17:00	42	0	11	0	0	5	0	0	0	58
17:15	15	0	5	4	0	2	0	0	0	26	17:15	18	0	4	0	0	1	0	1	0	24
17:30	13	0	6	0	1	4	0	0	0	24	17:30	38	0	2	1	2	1	0	0	1	45
17:45	6	0	3	0	0	3	0	0	0	12	17:45	18	0	7	0	0	4	0	0	0	29
18:00	7	0	0	7	0	2	0	0	0	16	18:00	18	0	4	0	0	1	0	0	0	23
18:15	10	0	2	0	0	1	0	0	0	13	18:15	12	0	3	0	1	2	0	0	0	18
18:30	14	0	3	0	0	2	0	0	0	19	18:30	15	0	6	0	1	2	0	0	0	24
18:45	4	0	1	0	3	1	0	0	0	9	18:45	12	0	3	0	0	1	0	0	0	16
P/TOT	141	0	58	17	6	24	0	0	0	246	P/TOT	310	0	69	8	6	24	0	1	1	419

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JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH13

DATE: 21/06/2012

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LOCATION: A47 / B4114 / Mainstream Way

DAY: THURSDAY

LOCATION: A47 / B4114 / Mainstream Way

DAY: THURSDAY

TIME	TO ARM C									TOT	TIME	FROM ARM C									TOT
	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL			CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
07:00	43	0	10	5	1	8	0	0	0	67	07:00	61	1	17	7	9	11	1	0	0	107
07:15	48	0	15	1	1	11	0	0	0	76	07:15	91	0	15	9	6	11	0	0	0	132
07:30	85	0	13	7	0	12	4	0	0	121	07:30	128	0	17	2	10	10	0	2	0	169
07:45	80	2	16	9	2	13	1	0	0	123	07:45	152	4	30	6	3	12	0	2	0	209
08:00	102	0	28	1	3	10	2	0	0	146	08:00	146	0	20	5	6	12	1	0	0	190
08:15	124	0	24	1	7	10	0	0	0	166	08:15	156	2	15	6	4	12	2	0	0	197
08:30	134	3	28	11	3	13	1	0	0	193	08:30	153	3	14	4	2	10	3	0	0	189
08:45	133	3	18	2	4	11	3	0	0	174	08:45	156	5	17	6	5	11	1	0	0	201
09:00	122	0	19	4	8	9	0	0	0	162	09:00	135	3	23	4	4	9	1	0	0	179
09:15	106	0	18	5	1	12	0	0	0	142	09:15	100	0	30	5	0	9	3	2	0	149
09:30	97	0	30	7	4	10	0	0	0	148	09:30	123	0	18	8	4	13	1	0	0	167
09:45	79	0	19	7	5	10	0	0	0	120	09:45	133	1	28	8	5	13	2	2	0	192
P/TOT	1153	8	238	60	39	129	11	0	0	1638	P/TOT	1534	19	244	70	58	133	15	8	0	2081

TO ARM C										FROM ARM C											
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
16:00	166	1	13	8	3	9	0	0	0	200	16:00	162	0	29	7	4	12	2	0	0	216
16:15	177	0	14	7	1	18	2	0	0	219	16:15	163	2	27	1	0	8	0	0	0	201
16:30	179	0	21	2	1	7	0	1	0	211	16:30	175	4	19	2	2	14	1	0	0	217
16:45	177	2	21	1	0	11	0	0	0	212	16:45	145	0	15	1	2	7	2	0	0	172
17:00	179	3	25	0	1	16	0	0	0	224	17:00	170	4	15	2	4	9	1	0	0	205
17:15	224	1	18	0	1	6	0	0	0	250	17:15	180	2	14	0	1	11	0	2	0	210
17:30	184	4	20	4	3	11	0	0	0	226	17:30	151	0	15	3	4	18	1	0	0	192
17:45	186	4	6	3	0	10	0	0	0	209	17:45	158	0	13	0	0	10	0	0	0	181
18:00	155	0	9	0	1	13	0	0	2	180	18:00	171	2	12	1	0	9	1	0	0	196
18:15	142	0	12	3	0	7	0	0	0	164	18:15	140	0	12	3	1	7	1	1	0	165
18:30	116	2	7	0	4	8	0	0	0	137	18:30	132	1	10	2	1	8	1	0	0	155
18:45	101	3	14	0	0	5	1	1	0	125	18:45	123	1	10	1	1	6	0	0	0	142
P/TOT	1986	20	180	28	15	121	3	2	2	2357	P/TOT	1870	16	191	23	20	119	10	3	0	2252

A47\_B4114 Sattley Viaduct.xlsx 4 arm rbt

NDC for  
Arup



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT



2111 / WEST MIDLANDS HS2  
JUNE 2012  
CLASSIFIED TURNING COUNT

SITE: WH13

DATE: 21/06/2012

SITE: WH13

DATE: 21/06/2012

LOCATION: A47 / B4114 / Mainstream Way

DAY: THURSDAY

LOCATION: A47 / B4114 / Mainstream Way

DAY: THURSDAY

	TO ARM D											FROM ARM D										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	
07:00	35	0	13	2	6	0	3	0	1	60	07:00	109	0	24	10	2	0	0	0	0	145	
07:15	44	0	11	6	5	0	0	1	0	67	07:15	134	0	29	5	3	0	0	2	1	174	
07:30	64	1	21	7	7	1	3	0	0	104	07:30	167	1	31	5	0	0	1	0	0	205	
07:45	67	1	19	2	5	1	1	0	2	98	07:45	210	0	29	6	4	0	1	0	0	250	
08:00	55	0	25	7	11	0	2	1	0	101	08:00	243	0	28	8	5	0	2	0	0	286	
08:15	84	1	27	8	5	0	3	0	0	128	08:15	248	0	28	7	5	0	0	0	0	288	
08:30	67	0	24	10	2	0	4	2	0	109	08:30	226	2	28	6	10	0	1	2	0	275	
08:45	74	1	18	9	10	1	2	0	1	116	08:45	234	0	40	15	10	0	0	0	0	299	
09:00	67	1	21	9	4	0	0	0	0	102	09:00	140	1	32	11	6	0	0	0	0	190	
09:15	58	0	26	9	4	0	0	0	0	97	09:15	133	0	24	5	2	0	3	0	0	167	
09:30	62	1	23	8	9	0	2	0	0	105	09:30	104	0	27	12	9	0	0	0	0	152	
09:45	42	1	19	6	7	0	1	0	0	76	09:45	111	1	20	8	7	0	0	0	0	147	
P/TOT	719	7	247	83	75	3	21	4	4	1163	P/TOT	2059	5	340	98	63	0	8	4	1	2578	

TIME	TO ARM D									TOT	TIME	FROM ARM D									TOT
	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL			CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
16:00	195	1	35	8	8	0	0	4	0	251	16:00	103	2	26	10	5	0	0	1	0	147
16:15	189	2	44	5	1	0	0	0	0	241	16:15	94	5	22	11	1	2	2	0	0	137
16:30	260	1	28	5	1	0	0	1	0	296	16:30	125	0	14	5	2	0	0	0	0	146
16:45	217	1	21	4	1	0	0	1	1	246	16:45	114	0	16	4	0	0	0	0	0	134
17:00	225	1	28	2	3	0	0	1	1	261	17:00	93	4	16	0	2	0	0	0	0	115
17:15	220	0	25	6	1	0	0	1	0	253	17:15	120	2	7	4	2	0	1	1	0	137
17:30	234	1	16	4	4	0	1	1	0	261	17:30	122	0	14	1	2	0	0	0	0	139
17:45	205	1	17	2	2	0	0	1	1	229	17:45	136	1	9	3	2	0	1	0	0	152
18:00	179	0	15	2	1	0	3	1	1	202	18:00	100	1	9	4	2	0	0	0	2	118
18:15	146	0	9	1	3	0	1	0	0	160	18:15	121	0	6	4	0	0	2	0	0	133
18:30	118	1	14	4	2	0	2	1	0	142	18:30	111	1	9	2	4	0	0	0	0	127
18:45	110	0	8	1	1	0	0	1	0	121	18:45	81	2	5	0	3	0	0	0	0	91
P/TOT	2298	9	260	44	28	0	7	13	4	2663	P/TOT	1320	18	153	48	25	2	6	2	2	1576

A47\_B4114 Sattley Viaduct.xlsx 4 arm rbt

NDC for  
Arup

SITE: WH13

DATE: 21/06/2012

LOCATION: A47 / B4114 / Mainstream Way

DAY: THURSDAY

TIME	JUNCTION TOTAL									TOT
	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
07:00	235	1	58	24	13	19	3	0	1	354
07:15	310	0	69	20	14	22	0	3	1	439
07:30	436	2	90	24	12	23	7	2	0	596
07:45	514	7	102	28	10	26	2	2	2	693
08:00	535	0	91	23	18	22	4	1	0	694
08:15	606	3	89	25	16	22	3	0	0	764
08:30	567	8	100	30	13	23	5	4	0	750
08:45	576	9	91	28	23	23	5	0	1	756
09:00	446	5	91	26	15	18	1	0	0	602
09:15	377	0	96	27	11	21	6	2	0	540
09:30	371	1	89	35	19	23	3	0	0	541
09:45	347	3	76	32	17	23	3	2	0	503
P/TOT	5320	39	1042	322	181	265	42	16	5	7232

PEAK HOUR CALCULATION	
07:00 to 08:00	2082
07:15 to 08:15	2422
07:30 to 08:30	2747
07:45 to 08:45	2901
08:00 to 09:00	2964
08:15 to 09:15	2872
08:30 to 09:30	2648
08:45 to 09:45	2439
09:00 to 10:00	2186
PEAK VALUE	2964

TIME	JUNCTION TOTAL									TOT
	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
16:00	587	3	102	30	16	21	2	5	0	766
16:15	577	9	98	20	2	28	2	0	0	736
16:30	684	5	82	12	5	21	1	2	0	812
16:45	614	3	71	10	3	18	2	1	1	723
17:00	623	12	80	6	7	25	1	1	1	756
17:15	700	5	64	10	4	17	1	5	0	806
17:30	643	5	72	9	10	29	2	1	1	772
17:45	648	5	44	5	4	20	1	1	1	729
18:00	571	3	43	9	2	22	4	1	3	658
18:15	510	0	38	11	4	14	4	1	0	582
18:30	441	5	39	4	7	16	3	1	0	516
18:45	378	5	34	2	4	11	1	2	0	437
P/TOT	6976	60	767	128	68	242	24	21	7	8293

PEAK HOUR CALCULATION	
16:00 to 17:00	3037
16:15 to 17:15	3027
16:30 to 17:30	3097
16:45 to 17:45	3057
17:00 to 18:00	3063
17:15 to 18:15	2965
17:30 to 18:30	2741
17:45 to 18:45	2485
18:00 to 19:00	2193
PEAK VALUE	3097



SITE: WH14

DATE: 21/06/2012

SITE: WH14

DATE: 21/06/2012

LOCATION: A47/Aston Church Rd Junction

DAY: THURSDAY

LOCATION: A47/Aston Church Rd Junction

DAY: THURSDAY

A to D										TOT	A to C										TOT
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL		TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
07:00	15	0	4	0	0	0	0	1	0	20	07:00	100	0	29	13	2	0	0	0	0	144
07:15	30	0	6	3	1	0	1	0	0	41	07:15	132	0	25	0	2	0	0	0	0	159
07:30	20	0	6	2	2	0	0	0	0	30	07:30	157	0	28	5	3	0	2	0	0	195
07:45	34	0	5	1	2	0	2	0	0	44	07:45	194	0	34	9	5	0	0	0	0	242
08:00	39	0	3	1	0	0	0	0	0	43	08:00	238	3	25	5	7	0	0	0	0	278
08:15	43	0	4	1	0	0	2	0	0	50	08:15	245	1	29	7	3	0	4	0	0	289
08:30	35	0	7	5	2	0	0	0	0	49	08:30	207	0	25	5	8	0	0	0	0	245
08:45	25	0	5	0	1	0	2	0	0	33	08:45	220	0	35	9	10	0	0	3	0	277
09:00	32	0	7	2	1	0	0	1	0	43	09:00	135	0	26	0	9	0	0	0	0	170
09:15	29	0	7	3	1	0	0	0	0	40	09:15	133	0	19	7	5	0	0	0	0	164
09:30	18	0	4	3	4	0	1	0	0	30	09:30	101	0	23	0	7	0	0	0	0	131
09:45	20	0	5	2	2	0	0	0	0	29	09:45	95	0	27	6	4	0	0	0	0	132
P/TOT	340	0	63	23	16	0	8	2	0	452	P/TOT	1957	4	325	66	65	0	6	3	0	2426

A to D										TOT	A to C										TOT
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL		TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
16:00	30	0	4	1	1	0	0	0	1	37	16:00	85	4	18	8	6	0	0	0	0	121
16:15	44	0	4	2	2	0	1	0	0	53	16:15	93	3	14	11	2	0	0	1	0	124
16:30	46	0	3	2	0	0	0	0	0	51	16:30	117	0	14	2	2	0	0	0	0	135
16:45	40	0	4	2	0	0	0	0	1	47	16:45	90	1	14	3	0	0	0	0	0	108
17:00	55	0	3	1	0	0	0	0	0	59	17:00	85	2	14	5	2	0	0	0	0	108
17:15	55	0	3	1	0	0	0	0	0	59	17:15	109	0	6	2	1	0	0	0	0	118
17:30	42	0	6	3	2	0	0	0	2	55	17:30	119	0	12	0	2	0	0	0	0	133
17:45	38	0	3	4	2	0	0	0	1	48	17:45	120	0	11	3	3	0	2	0	0	139
18:00	37	0	0	1	0	0	0	1	0	39	18:00	87	0	7	5	1	0	0	0	0	100
18:15	26	0	6	0	0	0	0	0	0	32	18:15	106	0	7	4	0	0	1	0	0	118
18:30	41	0	7	0	0	0	0	0	0	48	18:30	104	0	9	0	6	0	1	0	0	120
18:45	25	0	4	0	0	0	1	0	0	30	18:45	75	1	6	1	5	0	0	1	0	89
P/TOT	479	0	47	17	7	0	2	1	5	558	P/TOT	1190	11	132	44	30	0	4	2	0	1413

A47\_Aston Church Road.xlsx WH14

NDC for  
Arup



SITE: WH14

DATE: 21/06/2012

SITE: WH14

DATE: 21/06/2012

LOCATION: A47/Aston Church Rd Junction

DAY: THURSDAY

LOCATION: A47/Aston Church Rd Junction

DAY: THURSDAY

A to B										TOT	A to A										TOT
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL		TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
07:00	36	0	0	0	0	0	0	0	0	36	07:00	0	0	0	0	0	0	0	0	0	0
07:15	21	0	4	0	0	0	0	0	0	25	07:15	0	0	0	0	0	0	0	0	0	0
07:30	37	0	10	2	0	0	0	0	0	49	07:30	0	0	0	0	0	0	0	0	0	0
07:45	48	0	14	0	0	0	0	0	0	62	07:45	0	0	0	0	0	0	0	0	0	0
08:00	20	0	12	3	1	0	0	0	0	36	08:00	0	0	0	0	0	0	0	0	0	0
08:15	53	0	11	0	0	0	0	0	0	64	08:15	0	0	0	0	0	0	0	0	0	0
08:30	34	0	8	2	0	0	0	0	0	44	08:30	0	0	0	0	0	0	0	0	0	0
08:45	46	0	7	5	1	0	0	0	0	59	08:45	0	0	0	0	0	0	0	0	0	0
09:00	33	0	10	6	0	0	0	0	0	49	09:00	0	0	0	0	0	0	0	0	0	0
09:15	34	0	11	0	0	0	0	0	0	45	09:15	0	0	0	0	0	0	0	0	0	0
09:30	14	0	10	7	0	0	0	0	0	31	09:30	0	0	0	0	0	0	0	0	0	0
09:45	20	0	10	2	3	0	0	0	0	35	09:45	0	0	0	0	0	0	0	0	0	0
P/TOT	396	0	107	27	5	0	0	0	0	535	P/TOT	0	0	0	0	0	0	0	0	0	0

A to B										TOT	A to A										TOT
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL		TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
16:00	21	0	3	2	0	0	0	0	0	26	16:00	0	0	0	0	0	0	0	0	0	0
16:15	19	0	8	0	0	0	0	0	0	27	16:15	0	0	0	0	0	0	0	0	0	0
16:30	21	0	3	2	1	0	0	0	0	27	16:30	0	0	0	0	0	0	0	0	0	0
16:45	15	0	5	0	0	0	0	0	0	20	16:45	0	0	0	0	0	0	0	0	0	0
17:00	21	0	2	0	1	0	0	0	0	24	17:00	0	0	0	0	0	0	0	0	0	0
17:15	30	0	2	3	1	0	0	0	0	36	17:15	0	0	0	0	0	0	0	0	0	0
17:30	22	0	3	1	2	0	0	0	0	28	17:30	0	0	0	0	0	0	0	0	0	0
17:45	24	0	4	0	1	0	0	0	0	29	17:45	0	0	0	0	0	0	0	0	0	0
18:00	17	0	4	0	0	0	0	0	0	21	18:00	0	0	0	0	0	0	0	0	0	0
18:15	26	0	2	0	0	0	0	0	0	28	18:15	0	0	0	0	0	0	0	0	0	0
18:30	16	0	3	1	0	0	0	0	0	20	18:30	0	0	0	0	0	0	0	0	0	0
18:45	17	0	2	0	0	1	0	0	0	20	18:45	0	0	0	0	0	0	0	0	0	0
P/TOT	249	0	41	9	6	1	0	0	0	306	P/TOT	0	0	0	0	0	0	0	0	0	0

A47\_Aston Church Road.xlsx WH14

NDC for  
Arup



SITE: WH14

DATE: 21/06/2012

SITE: WH14

DATE: 21/06/2012

LOCATION: A47/Aston Church Rd Junction

DAY: THURSDAY

LOCATION: A47/Aston Church Rd Junction

DAY: THURSDAY

B to A										TOT	TIME	B to D										TOT
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL			CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL		
07:00	11	0	0	1	0	1	1	0	0	14	07:00	12	0	0	2	0	0	0	0	1	15	
07:15	6	0	2	0	3	1	0	0	0	12	07:15	8	0	2	0	1	0	0	0	0	11	
07:30	8	0	4	2	1	0	0	0	0	15	07:30	21	0	3	3	0	0	0	0	0	27	
07:45	10	0	1	1	0	0	0	0	0	12	07:45	22	0	0	0	1	0	0	0	0	23	
08:00	13	0	3	2	1	0	1	0	0	20	08:00	30	0	2	4	1	0	0	0	0	37	
08:15	19	0	4	1	2	0	0	0	0	26	08:15	25	0	0	1	0	0	0	0	0	26	
08:30	15	0	2	1	1	0	0	1	0	20	08:30	24	0	4	2	0	0	0	0	0	30	
08:45	11	0	7	1	0	0	0	0	0	19	08:45	39	0	4	1	0	0	1	0	0	45	
09:00	9	0	10	1	1	0	0	1	0	22	09:00	20	0	4	1	0	1	0	0	0	26	
09:15	13	0	2	0	1	0	0	0	0	16	09:15	31	0	0	2	0	0	3	0	0	36	
09:30	8	0	4	1	0	0	0	0	0	13	09:30	19	0	3	1	0	0	0	0	0	23	
09:45	6	0	5	0	1	0	0	0	0	12	09:45	19	0	5	3	0	0	0	0	0	27	
P/TOT	129	0	44	11	11	2	2	2	0	201	P/TOT	270	0	27	20	3	1	4	0	1	326	

B to A										TOT	B to D										TOT
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL		TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
16:00	61	0	9	5	0	0	1	0	0	76	16:00	53	0	12	1	0	0	0	0	0	66
16:15	31	0	2	0	1	0	0	0	0	34	16:15	64	0	9	0	0	0	0	1	0	74
16:30	51	1	14	1	1	0	0	0	0	68	16:30	72	0	10	1	0	0	0	0	0	83
16:45	35	0	5	0	0	0	0	1	0	41	16:45	68	0	10	1	0	0	0	0	0	79
17:00	54	0	7	1	0	0	0	0	1	63	17:00	87	1	8	2	0	0	0	0	0	98
17:15	36	0	5	0	0	0	0	0	0	41	17:15	55	0	8	0	0	0	0	0	0	63
17:30	35	0	3	0	1	0	0	0	1	40	17:30	59	0	6	3	0	0	0	1	1	70
17:45	25	0	2	0	0	0	0	0	0	27	17:45	62	0	6	1	0	0	0	0	0	69
18:00	27	0	3	0	0	0	0	0	0	30	18:00	59	0	6	0	0	0	1	0	0	66
18:15	20	0	2	0	0	0	0	0	0	22	18:15	34	0	3	0	0	0	0	0	0	37
18:30	12	0	3	1	0	0	0	0	0	16	18:30	31	0	2	0	1	0	0	0	0	34
18:45	10	0	2	0	0	0	1	0	0	13	18:45	31	0	3	0	2	0	0	0	0	36
P/TOT	397	1	57	8	3	0	2	1	2	471	P/TOT	675	1	83	9	3	0	1	2	1	775

A47\_Aston Church Road.xlsx WH14

NDC for  
Arup



SITE: WH14

DATE: 21/06/2012

SITE: WH14

DATE: 21/06/2012

LOCATION: A47/Aston Church Rd Junction

DAY: THURSDAY

LOCATION: A47/Aston Church Rd Junction

DAY: THURSDAY

TIME	B to C									TOT	TIME	B to B									TOT
	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL			CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
07:00	0	0	2	0	0	0	0	0	0	2	07:00	0	0	0	0	0	0	0	0	0	0
07:15	1	0	3	0	0	0	0	0	0	4	07:15	0	0	0	0	0	0	0	0	0	0
07:30	2	0	0	0	0	0	0	0	0	2	07:30	0	0	0	0	0	0	0	0	0	0
07:45	5	0	0	2	0	0	0	0	0	7	07:45	0	0	0	0	0	0	0	0	0	0
08:00	2	0	2	4	0	0	0	0	0	8	08:00	0	0	0	0	0	0	0	0	0	0
08:15	2	0	2	0	0	0	0	0	0	4	08:15	0	0	0	0	0	0	0	0	0	0
08:30	3	0	2	0	0	0	0	0	0	5	08:30	0	0	0	2	0	0	0	0	0	2
08:45	3	0	4	0	0	0	0	0	0	7	08:45	0	0	0	0	0	0	0	0	0	0
09:00	2	0	3	4	0	0	0	0	0	9	09:00	0	0	0	0	0	0	0	0	0	0
09:15	5	0	0	0	0	0	0	0	1	6	09:15	0	0	0	0	0	0	0	0	0	0
09:30	3	0	4	4	0	0	0	0	0	11	09:30	0	0	0	0	0	0	0	0	0	0
09:45	4	0	3	1	0	0	0	0	0	8	09:45	1	0	0	0	0	0	0	0	0	1
P/TOT	32	0	25	15	0	0	0	0	1	73	P/TOT	1	0	0	2	0	0	0	0	0	3

TIME	B to C									TOT	TIME	B to B									TOT
	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL			CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
16:00	5	0	6	3	0	0	0	0	0	14	16:00	0	0	0	0	0	0	0	0	0	0
16:15	2	0	3	2	0	0	1	0	0	8	16:15	0	0	0	0	0	0	0	0	0	0
16:30	7	0	0	1	0	0	0	0	0	8	16:30	0	0	0	0	0	0	0	0	0	0
16:45	1	0	1	1	0	0	0	0	0	3	16:45	0	0	0	0	0	0	0	0	0	0
17:00	3	0	0	0	0	0	0	0	0	3	17:00	2	0	0	0	0	0	0	0	0	2
17:15	4	0	1	0	0	0	0	0	0	5	17:15	0	0	0	0	0	0	0	0	0	0
17:30	3	0	0	0	0	0	0	0	0	3	17:30	0	0	0	0	0	0	0	0	0	0
17:45	4	1	1	0	0	0	0	0	0	6	17:45	1	0	0	0	0	0	0	0	0	1
18:00	0	0	1	0	0	0	0	0	0	1	18:00	0	0	0	0	0	0	0	0	0	0
18:15	2	0	1	0	0	0	0	0	0	3	18:15	0	0	0	0	0	0	0	0	0	0
18:30	1	0	0	0	0	0	0	0	0	1	18:30	0	0	0	0	0	0	0	0	0	0
18:45	2	0	0	0	0	0	0	0	0	2	18:45	0	0	0	0	0	0	0	0	0	0
P/TOT	34	1	14	7	0	0	1	0	0	57	P/TOT	3	0	0	0	0	0	0	0	0	3

A47\_Aston Church Road.xlsx WH14

NDC for  
Arup



SITE: WH14

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LOCATION: A47/Aston Church Rd Junction

DAY: THURSDAY

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DAY: THURSDAY

C to B											C to A										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
07:00	3	0	2	0	0	0	0	0	2	7	07:00	29	0	12	0	8	0	0	0	1	50
07:15	6	0	1	0	3	0	0	0	0	10	07:15	40	0	9	2	6	0	0	1	0	58
07:30	3	0	3	0	0	0	0	0	2	8	07:30	61	0	15	5	6	0	1	0	0	88
07:45	4	1	3	0	1	0	1	0	2	12	07:45	67	0	21	4	5	0	1	0	1	99
08:00	5	0	1	1	0	0	1	0	0	8	08:00	35	0	16	4	10	0	0	0	0	65
08:15	7	0	1	1	2	0	0	0	0	11	08:15	76	2	17	8	7	0	1	0	0	111
08:30	4	0	1	1	1	0	0	0	0	7	08:30	64	0	20	9	3	0	2	3	0	101
08:45	7	0	1	0	1	0	0	0	0	9	08:45	62	1	15	12	7	0	1	0	0	98
09:00	5	0	4	0	0	0	0	0	0	9	09:00	57	0	16	8	6	0	0	0	0	87
09:15	6	0	3	2	1	0	0	0	0	12	09:15	50	0	24	7	8	0	0	0	0	89
09:30	4	0	5	0	1	0	0	0	0	10	09:30	53	0	20	5	7	0	0	0	0	85
09:45	6	0	1	1	1	0	0	0	0	9	09:45	60	1	24	7	5	0	0	0	0	97
P/TOT	60	1	26	6	11	0	2	0	6	112	P/TOT	654	4	209	71	78	0	6	4	2	1028

C to B											C to A										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
16:00	9	0	4	0	0	0	0	0	0	13	16:00	171	0	36	6	3	0	0	0	0	216
16:15	6	0	5	2	1	0	0	0	0	14	16:15	173	0	31	6	3	1	0	0	0	214
16:30	10	0	2	0	0	0	0	0	0	12	16:30	225	1	27	3	3	0	0	0	0	259
16:45	7	1	0	0	0	0	0	0	0	8	16:45	205	0	21	2	2	0	0	2	0	232
17:00	8	0	4	0	1	0	0	0	0	13	17:00	213	1	24	6	3	0	0	0	0	247
17:15	6	0	1	0	0	0	0	0	0	7	17:15	183	0	20	0	1	1	0	0	0	205
17:30	5	0	0	0	0	0	0	0	0	5	17:30	218	0	9	5	4	0	0	0	0	236
17:45	4	0	1	1	0	0	0	0	0	6	17:45	176	0	17	2	1	0	0	1	1	198
18:00	3	0	0	0	0	0	0	0	0	3	18:00	162	1	16	1	0	0	0	0	0	180
18:15	6	0	0	0	0	0	0	0	0	6	18:15	125	0	11	2	3	0	0	0	0	141
18:30	4	0	2	0	0	0	0	0	0	6	18:30	108	1	15	2	2	0	0	1	0	129
18:45	6	0	1	0	0	0	0	0	0	7	18:45	98	0	6	0	2	0	0	1	0	107
P/TOT	74	1	20	3	2	0	0	0	0	100	P/TOT	2057	4	233	35	27	2	0	5	1	2364

A47\_Aston Church Road.xlsx WH14

NDC for  
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SITE: WH14

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LOCATION: A47/Aston Church Rd Junction

DAY: THURSDAY

LOCATION: A47/Aston Church Rd Junction

DAY: THURSDAY

C to D											C to C										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
07:00	3	0	1	0	0	0	0	0	0	4	07:00	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	07:15	0	0	0	2	0	0	0	0	0	2
07:30	0	0	0	0	0	0	0	0	0	0	07:30	0	0	0	0	0	0	0	0	0	0
07:45	2	0	0	0	0	0	0	0	0	2	07:45	0	0	0	0	0	0	0	0	0	0
08:00	3	0	1	2	0	0	0	0	0	6	08:00	0	0	0	0	0	0	0	0	0	0
08:15	3	0	4	1	0	0	0	0	0	8	08:15	0	0	0	1	1	0	0	0	0	2
08:30	1	0	3	1	0	0	0	0	0	5	08:30	0	0	0	0	0	0	0	0	0	0
08:45	3	0	1	0	0	0	0	0	0	4	08:45	0	0	0	3	0	0	0	0	0	3
09:00	5	0	1	2	1	0	0	0	0	9	09:00	0	0	0	0	0	0	0	0	0	0
09:15	3	0	3	1	0	0	0	0	0	7	09:15	0	0	0	0	0	0	0	0	0	0
09:30	4	0	0	0	0	0	0	0	0	4	09:30	0	0	0	1	1	0	0	0	0	2
09:45	3	0	0	0	0	0	0	0	0	3	09:45	0	0	2	1	0	0	0	0	0	3
P/TOT	30	0	14	7	1	0	0	0	0	52	P/TOT	0	0	2	8	2	0	0	0	0	12

C to D											C to C										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
16:00	18	0	0	0	0	0	0	0	0	18	16:00	2	0	0	0	0	0	0	0	0	2
16:15	17	0	7	0	0	0	0	0	0	24	16:15	2	0	0	1	0	0	0	0	0	3
16:30	31	0	0	0	0	0	0	0	0	31	16:30	2	0	0	0	0	0	0	0	0	2
16:45	21	0	1	1	0	0	0	0	0	23	16:45	0	0	0	0	0	0	0	0	0	0
17:00	24	0	3	0	2	0	0	0	0	29	17:00	0	0	0	0	0	0	0	0	0	0
17:15	26	1	3	0	0	0	0	0	0	30	17:15	0	0	0	4	0	0	0	0	0	4
17:30	23	0	1	0	0	0	0	0	0	24	17:30	0	0	1	0	0	0	0	0	0	1
17:45	12	0	3	0	0	0	0	0	0	15	17:45	1	0	0	0	0	0	0	0	0	1
18:00	8	0	3	0	0	0	0	0	0	11	18:00	0	0	0	0	0	0	0	0	0	0
18:15	12	0	0	0	0	0	0	0	0	12	18:15	1	0	0	0	0	0	0	0	0	1
18:30	12	0	0	0	0	0	0	0	0	12	18:30	0	0	0	0	0	0	0	0	0	0
18:45	5	0	0	1	0	0	0	0	0	6	18:45	1	0	0	0	0	0	0	0	0	1
P/TOT	209	1	21	2	2	0	0	0	0	235	P/TOT	9	0	1	5	0	0	0	0	0	15

A47\_Aston Church Road.xlsx WH14

NDC for  
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SITE: WH14

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LOCATION: A47/Aston Church Rd Junction

DAY: THURSDAY

LOCATION: A47/Aston Church Rd Junction

DAY: THURSDAY

D to C											D to B										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
07:00	5	0	0	0	0	0	0	0	0	5	07:00	34	0	7	0	0	0	0	0	0	41
07:15	6	0	0	1	0	0	0	0	0	7	07:15	41	0	5	2	0	0	0	0	0	48
07:30	9	0	1	1	0	0	0	0	0	11	07:30	54	0	10	2	0	0	0	0	0	66
07:45	13	0	0	0	0	0	0	0	0	13	07:45	67	1	9	3	0	0	0	0	0	80
08:00	13	1	1	0	0	0	0	0	0	15	08:00	77	0	15	3	0	0	0	1	0	96
08:15	9	0	1	3	0	0	0	0	0	13	08:15	59	0	5	3	0	0	1	0	0	68
08:30	21	0	0	1	1	0	0	0	0	23	08:30	66	0	5	0	0	0	0	0	0	71
08:45	14	0	3	1	0	0	0	0	0	18	08:45	82	0	7	0	1	0	1	0	0	91
09:00	10	0	0	1	0	0	0	0	0	11	09:00	64	0	7	0	0	0	0	0	0	71
09:15	11	0	1	1	0	0	0	0	0	13	09:15	43	0	6	5	0	0	0	0	0	54
09:30	11	1	1	2	3	0	0	0	0	18	09:30	45	0	3	5	1	0	0	0	0	54
09:45	5	0	0	1	1	0	0	0	0	7	09:45	29	0	6	2	0	0	0	0	0	37
P/TOT	127	2	8	12	5	0	0	0	0	154	P/TOT	661	1	85	25	2	0	2	1	0	777

D to C											D to B										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
16:00	9	0	2	1	0	0	0	0	0	12	16:00	64	0	15	0	0	0	2	0	0	81
16:15	7	0	1	0	0	0	0	0	0	8	16:15	59	0	0	3	0	0	0	0	0	62
16:30	11	0	0	0	0	0	0	0	0	11	16:30	52	0	9	1	0	0	2	0	0	64
16:45	15	0	0	0	1	0	0	0	0	16	16:45	61	0	4	2	0	0	1	0	0	68
17:00	8	1	1	0	0	0	0	0	0	10	17:00	77	0	3	0	0	0	1	1	0	82
17:15	12	2	1	0	1	0	0	0	0	16	17:15	60	0	6	0	0	0	0	0	0	66
17:30	14	0	0	0	1	0	0	0	0	15	17:30	66	0	12	1	0	0	0	0	0	79
17:45	9	0	0	0	0	0	0	0	0	9	17:45	57	0	3	3	0	0	0	0	0	63
18:00	9	0	0	0	0	0	0	0	0	9	18:00	43	0	3	1	0	0	0	0	0	47
18:15	11	0	1	0	0	0	0	0	0	12	18:15	63	0	3	0	0	0	0	0	0	66
18:30	11	1	0	0	0	0	0	0	0	12	18:30	51	0	4	0	0	0	0	0	0	55
18:45	5	0	0	0	0	0	0	0	0	5	18:45	37	0	1	0	0	0	0	0	0	38
P/TOT	121	4	6	1	3	0	0	0	0	135	P/TOT	690	0	63	11	0	0	6	1	0	771

A47\_Aston Church Road.xlsx WH14

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DAY: THURSDAY

D to A											D to D										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
07:00	11	0	0	0	0	0	0	0	0	11	07:00	0	0	0	0	0	0	0	0	0	0
07:15	12	0	0	1	3	0	0	0	0	16	07:15	0	0	0	0	0	0	0	0	0	0
07:30	26	0	1	3	0	0	0	0	0	30	07:30	0	0	0	0	0	0	0	0	0	0
07:45	21	0	7	0	0	0	0	0	0	28	07:45	0	0	0	0	0	0	0	0	0	0
08:00	21	2	0	3	0	0	0	0	0	26	08:00	0	0	0	0	0	0	0	0	0	0
08:15	26	0	5	3	1	0	0	0	0	35	08:15	0	0	0	0	0	0	0	0	0	0
08:30	23	0	2	5	1	0	1	0	0	32	08:30	0	0	0	0	0	0	0	0	0	0
08:45	29	0	11	4	3	0	0	0	0	47	08:45	0	0	0	0	0	0	0	0	0	0
09:00	11	0	6	5	0	0	0	0	0	22	09:00	0	0	0	0	0	0	0	0	0	0
09:15	13	0	1	2	1	0	0	0	0	17	09:15	0	0	0	0	0	0	0	0	0	0
09:30	16	0	4	0	0	0	0	0	0	20	09:30	0	0	0	0	0	0	0	0	0	0
09:45	18	0	3	5	3	0	0	0	0	29	09:45	0	0	0	0	0	0	0	0	0	0
P/TOT	227	2	40	31	12	0	1	0	0	313	P/TOT	0	0	0	0	0	0	0	0	0	0

D to A											D to D										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
16:00	42	0	2	3	3	0	0	0	0	50	16:00	0	0	0	0	0	0	0	0	0	0
16:15	40	0	10	1	2	0	0	0	0	53	16:15	0	0	0	0	0	0	0	0	0	0
16:30	43	0	5	0	1	0	0	0	0	49	16:30	0	0	0	0	0	0	0	0	0	0
16:45	28	0	1	2	2	0	0	0	0	33	16:45	0	0	0	0	0	0	0	0	0	0
17:00	37	0	6	2	1	0	0	0	0	46	17:00	0	0	0	0	0	0	0	0	0	0
17:15	30	0	4	3	0	0	2	0	0	39	17:15	0	0	0	0	0	0	0	0	0	0
17:30	31	0	0	1	1	0	0	0	0	33	17:30	0	0	0	0	0	0	0	0	0	0
17:45	21	0	1	0	0	0	0	0	0	22	17:45	0	0	0	0	0	0	0	0	0	0
18:00	39	0	2	0	0	0	0	0	0	41	18:00	0	0	0	0	0	0	0	0	0	0
18:15	30	0	3	0	0	0	0	0	0	33	18:15	0	0	0	0	0	0	0	0	0	0
18:30	27	0	1	0	1	0	0	0	0	29	18:30	0	0	0	0	0	0	0	0	0	0
18:45	24	0	0	0	1	0	0	0	0	25	18:45	0	0	0	0	0	0	0	0	0	0
P/TOT	392	0	35	12	12	0	2	0	0	453	P/TOT	0	0	0	0	0	0	0	0	0	0

A47\_Aston Church Road.xlsx WH14

NDC for  
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DAY: THURSDAY

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DAY: THURSDAY

TO ARM A											FROM ARM A										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
07:00	51	0	12	1	8	1	1	0	1	75	07:00	151	0	33	13	2	0	0	1	0	200
07:15	58	0	11	3	12	1	0	1	0	86	07:15	183	0	35	3	3	0	1	0	0	225
07:30	95	0	20	10	7	0	1	0	0	133	07:30	214	0	44	9	5	0	2	0	0	274
07:45	98	0	29	5	5	0	1	0	1	139	07:45	276	0	53	10	7	0	2	0	0	348
08:00	69	2	19	9	11	0	1	0	0	111	08:00	297	3	40	9	8	0	0	0	0	357
08:15	121	2	26	12	10	0	1	0	0	172	08:15	341	1	44	8	3	0	6	0	0	403
08:30	102	0	24	15	5	0	3	4	0	153	08:30	276	0	40	12	10	0	0	0	0	338
08:45	102	1	33	17	10	0	1	0	0	164	08:45	291	0	47	14	12	0	2	3	0	369
09:00	77	0	32	14	7	0	0	1	0	131	09:00	200	0	43	8	10	0	0	1	0	262
09:15	76	0	27	9	10	0	0	0	0	122	09:15	196	0	37	10	6	0	0	0	0	249
09:30	77	0	28	6	7	0	0	0	0	118	09:30	133	0	37	10	11	0	1	0	0	192
09:45	84	1	32	12	9	0	0	0	0	138	09:45	135	0	42	10	9	0	0	0	0	196
P/TOT	1010	6	293	113	101	2	9	6	2	1542	P/TOT	2693	4	495	116	86	0	14	5	0	3413

TO ARM A											FROM ARM A										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
16:00	274	0	47	14	6	0	1	0	0	342	16:00	136	4	25	11	7	0	0	0	1	184
16:15	244	0	43	7	6	1	0	0	0	301	16:15	156	3	26	13	4	0	1	1	0	204
16:30	319	2	46	4	5	0	0	0	0	376	16:30	184	0	20	6	3	0	0	0	0	213
16:45	268	0	27	4	4	0	0	3	0	306	16:45	145	1	23	5	0	0	0	0	1	175
17:00	304	1	37	9	4	0	0	0	1	356	17:00	161	2	19	6	3	0	0	0	0	191
17:15	249	0	29	3	1	1	2	0	0	285	17:15	194	0	11	6	2	0	0	0	0	213
17:30	284	0	12	6	6	0	0	0	1	309	17:30	183	0	21	4	6	0	0	0	2	216
17:45	222	0	20	2	1	0	0	1	1	247	17:45	182	0	18	7	6	0	2	0	1	216
18:00	228	1	21	1	0	0	0	0	0	251	18:00	141	0	11	6	1	0	0	1	0	160
18:15	175	0	16	2	3	0	0	0	0	196	18:15	158	0	15	4	0	0	1	0	0	178
18:30	147	1	19	3	3	0	0	1	0	174	18:30	161	0	19	1	6	0	1	0	0	188
18:45	132	0	8	0	3	0	1	1	0	145	18:45	117	1	12	1	5	1	1	1	0	139
P/TOT	2846	5	325	55	42	2	4	6	3	3288	P/TOT	1918	11	220	70	43	1	6	3	5	2277

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NDC for  
Arup



SITE: WH14

DATE: 21/06/2012

SITE: WH14

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LOCATION: A47/Aston Church Rd Junction

DAY: THURSDAY

LOCATION: A47/Aston Church Rd Junction

DAY: THURSDAY

TO ARM B											FROM ARM B										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
07:00	73	0	9	0	0	0	0	0	2	84	07:00	23	0	2	3	0	1	1	0	1	31
07:15	68	0	10	2	3	0	0	0	0	83	07:15	15	0	7	0	4	1	0	0	0	27
07:30	94	0	23	4	0	0	0	0	2	123	07:30	31	0	7	5	1	0	0	0	0	44
07:45	119	2	26	3	1	0	1	0	2	154	07:45	37	0	1	3	1	0	0	0	0	42
08:00	102	0	28	7	1	0	1	1	0	140	08:00	45	0	7	10	2	0	1	0	0	65
08:15	119	0	17	4	2	0	1	0	0	143	08:15	46	0	6	2	2	0	0	0	0	56
08:30	104	0	14	5	1	0	0	0	0	124	08:30	42	0	8	5	1	0	0	1	0	57
08:45	135	0	15	5	3	0	1	0	0	159	08:45	53	0	15	2	0	0	1	0	0	71
09:00	102	0	21	6	0	0	0	0	0	129	09:00	31	0	17	6	1	1	0	1	0	57
09:15	83	0	20	7	1	0	0	0	0	111	09:15	49	0	2	2	1	0	3	0	1	58
09:30	63	0	18	12	2	0	0	0	0	95	09:30	30	0	11	6	0	0	0	0	0	47
09:45	56	0	17	5	4	0	0	0	0	82	09:45	30	0	13	4	1	0	0	0	0	48
P/TOT	1118	2	218	60	18	0	4	1	6	1427	P/TOT	432	0	96	48	14	3	6	2	2	603

TO ARM B											FROM ARM B										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT	TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
16:00	94	0	22	2	0	0	2	0	0	120	16:00	119	0	27	9	0	0	1	0	0	156
16:15	84	0	13	5	1	0	0	0	0	103	16:15	97	0	14	2	1	0	1	1	0	116
16:30	83	0	14	3	1	0	2	0	0	103	16:30	130	1	24	3	1	0	0	0	0	159
16:45	83	1	9	2	0	0	1	0	0	96	16:45	104	0	16	2	0	0	0	1	0	123
17:00	108	0	9	0	2	0	1	1	0	121	17:00	146	1	15	3	0	0	0	0	1	166
17:15	96	0	9	3	1	0	0	0	0	109	17:15	95	0	14	0	0	0	0	0	0	109
17:30	93	0	15	2	2	0	0	0	0	112	17:30	97	0	9	3	1	0	0	1	2	113
17:45	86	0	8	4	1	0	0	0	0	99	17:45	92	1	9	1	0	0	0	0	0	103
18:00	63	0	7	1	0	0	0	0	0	71	18:00	86	0	10	0	0	0	1	0	0	97
18:15	95	0	5	0	0	0	0	0	0	100	18:15	56	0	6	0	0	0	0	0	0	62
18:30	71	0	9	1	0	0	0	0	0	81	18:30	44	0	5	1	1	0	0	0	0	51
18:45	60	0	4	0	0	1	0	0	0	65	18:45	43	0	5	0	2	0	1	0	0	51
P/TOT	1016	1	124	23	8	1	6	1	0	1180	P/TOT	1109	3	154	24	6	0	4	3	3	1306

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NDC for  
Arup





SITE: WH14

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LOCATION: A47/Aston Church Rd Junction

DAY: THURSDAY

LOCATION: A47/Aston Church Rd Junction

DAY: THURSDAY

TO ARM C										TOT	FROM ARM C										TOT
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL		TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
07:00	105	0	31	13	2	0	0	0	0	151	07:00	35	0	15	0	8	0	0	0	3	61
07:15	139	0	28	3	2	0	0	0	0	172	07:15	46	0	10	4	9	0	0	1	0	70
07:30	168	0	29	6	3	0	2	0	0	208	07:30	64	0	18	5	6	0	1	0	2	96
07:45	212	0	34	11	5	0	0	0	0	262	07:45	73	1	24	4	6	0	2	0	3	113
08:00	253	4	28	9	7	0	0	0	0	301	08:00	43	0	18	7	10	0	1	0	0	79
08:15	256	1	32	11	4	0	4	0	0	308	08:15	86	2	22	11	10	0	1	0	0	132
08:30	231	0	27	6	9	0	0	0	0	273	08:30	69	0	24	11	4	0	2	3	0	113
08:45	237	0	42	13	10	0	0	3	0	305	08:45	72	1	17	15	8	0	1	0	0	114
09:00	147	0	29	5	9	0	0	0	0	190	09:00	67	0	21	10	7	0	0	0	0	105
09:15	149	0	20	8	5	0	0	0	1	183	09:15	59	0	30	10	9	0	0	0	0	108
09:30	115	1	28	7	11	0	0	0	0	162	09:30	61	0	25	6	9	0	0	0	0	101
09:45	104	0	32	9	5	0	0	0	0	150	09:45	69	1	27	9	6	0	0	0	0	112
P/TOT	2116	6	360	101	72	0	6	3	1	2665	P/TOT	744	5	251	92	92	0	8	4	8	1204

TO ARM C										TOT	FROM ARM C										TOT
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL		TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
16:00	101	4	26	12	6	0	0	0	0	149	16:00	200	0	40	6	3	0	0	0	0	249
16:15	104	3	18	14	2	0	1	1	0	143	16:15	198	0	43	9	4	1	0	0	0	255
16:30	137	0	14	3	2	0	0	0	0	156	16:30	268	1	29	3	3	0	0	0	0	304
16:45	106	1	15	4	1	0	0	0	0	127	16:45	233	1	22	3	2	0	0	2	0	263
17:00	96	3	15	5	2	0	0	0	0	121	17:00	245	1	31	6	6	0	0	0	0	289
17:15	125	2	8	6	2	0	0	0	0	143	17:15	215	1	24	4	1	1	0	0	0	246
17:30	136	0	13	0	3	0	0	0	0	152	17:30	246	0	11	5	4	0	0	0	0	266
17:45	134	1	12	3	3	0	2	0	0	155	17:45	193	0	21	3	1	0	0	1	1	220
18:00	96	0	8	5	1	0	0	0	0	110	18:00	173	1	19	1	0	0	0	0	0	194
18:15	120	0	9	4	0	0	1	0	0	134	18:15	144	0	11	2	3	0	0	0	0	160
18:30	116	1	9	0	6	0	1	0	0	133	18:30	124	1	17	2	2	0	0	1	0	147
18:45	83	1	6	1	5	0	0	1	0	97	18:45	110	0	7	1	2	0	0	1	0	121
P/TOT	1354	16	153	57	33	0	5	2	0	1620	P/TOT	2349	6	275	45	31	2	0	5	1	2714

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SITE: WH14

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LOCATION: A47/Aston Church Rd Junction

DAY: THURSDAY

LOCATION: A47/Aston Church Rd Junction

DAY: THURSDAY

TO ARM D										TOT	FROM ARM D										TOT
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL		TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	
07:00	30	0	5	2	0	0	0	1	1	39	07:00	50	0	7	0	0	0	0	0	0	57
07:15	38	0	8	3	2	0	1	0	0	52	07:15	59	0	5	4	3	0	0	0	0	71
07:30	41	0	9	5	2	0	0	0	0	57	07:30	89	0	12	6	0	0	0	0	0	107
07:45	58	0	5	1	3	0	2	0	0	69	07:45	101	1	16	3	0	0	0	0	0	121
08:00	72	0	6	7	1	0	0	0	0	86	08:00	111	3	16	6	0	0	0	1	0	137
08:15	71	0	8	3	0	0	2	0	0	84	08:15	94	0	11	9	1	0	1	0	0	116
08:30	60	0	14	8	2	0	0	0	0	84	08:30	110	0	7	6	2	0	1	0	0	126
08:45	67	0	10	1	1	0	3	0	0	82	08:45	125	0	21	5	4	0	1	0	0	156
09:00	57	0	12	5	2	1	0	1	0	78	09:00	85	0	13	6	0	0	0	0	0	104
09:15	63	0	10	6	1	0	3	0	0	83	09:15	67	0	8	8	1	0	0	0	0	84
09:30	41	0	7	4	4	0	1	0	0	57	09:30	72	1	8	7	4	0	0	0	0	92
09:45	42	0	10	5	2	0	0	0	0	59	09:45	52	0	9	8	4	0	0	0	0	73
P/TOT	640	0	104	50	20	1	12	2	1	830	P/TOT	1015	5	133	68	19	0	3	1	0	1244

TO ARM D										TOT	FROM ARM D										TOT	
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL		TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL		
16:00	101	0	16	2	1	0	0	0	1	121	16:00	115	0	19	4	3	0	2	0	0	143	
16:15	125	0	20	2	2	0	1	1	0	151	16:15	106	0	11	4	2	0	0	0	0	123	
16:30	149	0	13	3	0	0	0	0	0	165	16:30	106	0	14	1	1	0	2	0	0	124	
16:45	129	0	15	4	0	0	0	0	1	149	16:45	104	0	5	4	3	0	1	0	0	117	
17:00	166	1	14	3	2	0	0	0	0	186	17:00	122	1	10	2	1	0	1	1	0	138	
17:15	136	1	14	1	0	0	0	0	0	152	17:15	102	2	11	3	1	0	2	0	0	121	
17:30	124	0	13	6	2	0	0	1	3	149	17:30	111	0	12	2	2	0	0	0	0	127	
17:45	112	0	12	5	2	0	0	0	1	132	17:45	87	0	4	3	0	0	0	0	0	94	
18:00	104	0	9	1	0	0	1	1	0	116	18:00	91	0	5	1	0	0	0	0	0	97	
18:15	72	0	9	0	0	0	0	0	0	81	18:15	104	0	7	0	0	0	0	0	0	111	
18:30	84	0	9	0	1	0	0	0	0	94	18:30	89	1	5	0	1	0	0	0	0	96	
18:45	61	0	7	1	2	0	1	0	0	72	18:45	66	0	1	0	1	0	0	0	0	68	
P/TOT	1363	2	151	28	12	0	3	3	6	1568	P/TOT	1203	4	104	24	15	0	8	1	0	0	1359

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DAY: THURSDAY

JUNCTION TOTAL										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
07:00	259	0	57	16	10	1	1	1	4	349
07:15	303	0	57	11	19	1	1	1	0	393
07:30	398	0	81	25	12	0	3	0	2	521
07:45	487	2	94	20	14	0	4	0	3	624
08:00	496	6	81	32	20	0	2	1	0	638
08:15	567	3	83	30	16	0	8	0	0	707
08:30	497	0	79	34	17	0	3	4	0	634
08:45	541	1	100	36	24	0	5	3	0	710
09:00	383	0	94	30	18	1	0	2	0	528
09:15	371	0	77	30	17	0	3	0	1	499
09:30	296	1	81	29	24	0	1	0	0	432
09:45	286	1	91	31	20	0	0	0	0	429
<b>P/TOT</b>	<b>4884</b>	<b>14</b>	<b>975</b>	<b>324</b>	<b>211</b>	<b>3</b>	<b>31</b>	<b>12</b>	<b>10</b>	<b>6464</b>

PEAK HOUR CALCULATION	
07:00 to 08:00	1887
07:15 to 08:15	2176
07:30 to 08:30	2490
07:45 to 08:45	2603
08:00 to 09:00	<b>2689</b>
08:15 to 09:15	2579
08:30 to 09:30	2371
08:45 to 09:45	2169
09:00 to 10:00	1888
<b>PEAK VALUE</b>	<b>2689</b>

JUNCTION TOTAL										
TIME	CAR	TAXI	LGV	OGV1	OGV2	BUS	COA	MCL	PCL	TOT
16:00	570	4	111	30	13	0	3	0	1	732
16:15	557	3	94	28	11	1	2	2	0	698
16:30	688	2	87	13	8	0	2	0	0	800
16:45	586	2	66	14	5	0	1	3	1	678
17:00	674	5	75	17	10	0	1	1	1	784
17:15	606	3	60	13	4	1	2	0	0	689
17:30	637	0	53	14	13	0	0	1	4	722
17:45	554	1	52	14	7	0	2	1	2	633
18:00	491	1	45	8	1	0	1	1	0	548
18:15	462	0	39	6	3	0	1	0	0	511
18:30	418	2	46	4	10	0	1	1	0	482
18:45	336	1	25	2	10	1	2	2	0	379
<b>P/TOT</b>	<b>6579</b>	<b>24</b>	<b>753</b>	<b>163</b>	<b>95</b>	<b>3</b>	<b>18</b>	<b>12</b>	<b>9</b>	<b>7656</b>

PEAK HOUR CALCULATION	
16:00 to 17:00	2908
16:15 to 17:15	<b>2960</b>
16:30 to 17:30	2951
16:45 to 17:45	2873
17:00 to 18:00	2828
17:15 to 18:15	2592
17:30 to 18:30	2414
17:45 to 18:45	2174
18:00 to 19:00	1920
<b>PEAK VALUE</b>	<b>2960</b>

## **Appendix B7 - summary of AM and PM peak baseline traffic flows for Birmingham city centre around Curzon Street station (CFA26) - BCCM observed 2012 baseline flows**

**Birmingham City Centre Model - Baseline Count Data**  
**AM Peak**

Location	Movement	Observed		
		Lights	Heavies	Total
Garrison Street	WB	16	15	31
Adderley Street	EB	19	4	23
Adderley Street	WB	72	7	79
Meriden Street	NB	62	8	70
Meriden Street	SB	85	24	109
Woodcock Street	NB	126	11	137
Woodcock Street	SB	51	3	54
Curzon Street	EB	172	21	193
Curzon Street	WB	201	33	234
Banbury Street	EB	12	1	13
Banbury Street	WB	10	2	12
Fazeley Street east of park street	EB	216	18	234
Fazeley Street east of park street	WB	64	7	71
Fazeley Street	EB	176	13	189
Fazeley Street	WB	143	12	155
Bordesley Street	EB	91	7	97
Bordesley Street	WB	14	2	16
A4540	NB	1331	199	1530
A4540 south of Ashted Circus Junction A47/A4540	SB	1694	149	1843
A4540 south of Curzon Circle Junction	NB	1802	187	1989
A4540 south of Curzon Circle Junction	SB	1517	316	1833
Landor Street	EB	136	35	171
Landor Street	WB	320	74	394
A4540 Bordesley Circus Junction A45	NB	1525	101	1626
A4540 Bordesley Circus Junction A45	SB	1566	134	1700
Great Barr Street	NB	249	54	303
Great Barr Street	SB	391	54	445
New Canal Street	NB	192	11	203
New Canal Street	SB	240	7	247
Park Street	SB	879	44	923
High Street	EB	362	90	452
High Street	WB	914	84	998
Fazeley Street	EB	208	17	225
Fazeley Street	WB	93	4	97
A45 south of Bordesley Circus Junction	NB	1013	112	1125
A45 south of Bordesley Circus Junction	SB	1053	148	1200
A4540 south of Bordesley Circus Junction	NB	1457	65	1522

**Birmingham City Centre Model - Baseline Count Data**  
**AM Peak**

Location	Movement	Observed		
		Lights	Heavies	Total
A4540	SB	993	148	1141
A4540	NB	1175	128	1303
A4540	SB	1344	174	1518
A47 east of Ashted Circus Junction A47/A4540	EB	418	92	510
A47 east of Ashted Circus Junction A47/A4540	WB	672	96	768
Jennens Road EB	EB	308	48	356
Jennens Road WB	WB	578	63	641
New Canal Street, north of Banbury St, SB	SB	220	12	232
New Canal Street, north of Banbury St, NB	NB	175	12	187
Coventry Road, West of Bordesley Circus, NB	NB	219	48	267
Coventry Road, West of Bordesley Circus, SB	SB	444	42	486
Coventry Road, East of Bordesley Circus, WB	WB	704	53	757
Coventry Road, East of Bordesley Circus, EB	EB	686	62	748
Camp Hill SB	SB	308	60	368
Camp Hill NB	NB	805	57	862
Highgate Middleway NB	NB	1295	67	1362
Highgate Middleway SB	SB	1422	77	1499
Stratford Road NB	NB	910	70	980
Stratford Road SB	SB	594	82	676
Curzon Street EB	EB	147	12	159
Curzon Street WB	WB	273	15	288
Vauxhall Road WB	WB	535	63	598
Vauxhall Road EB	EB	575	72	647
Aston Road, North of Junction, SB	SB	1910	164	2074
Aston Road, North of Junction, NB	NB	1197	170	1367
Newtown Middleway EB	EB	1305	110	1415
Newtown Middleway WB	WB	1449	103	1552
Aston Road, South of Junction, NB	NB	684	52	736
Aston Road, South of Junction, SB	SB	841	68	909
Dartmouth Middleway WB	WB	1313	156	1469
Dartmouth Middleway EB	EB	1725	141	1866
Seymour Street EB	EB	33	0	33
Seymour Street WB	WB	35	0	35
Lawley Middleway, north of Garrison Circus, SB	SB	2281	216	2497
Lawley Middleway, north of Garrison Circus, NB	NB	1828	152	1980
Great Barr Street EB	EB	222	38	260
Great Barr Street WB	WB	489	52	541

**Birmingham City Centre Model - Baseline Count Data**  
**AM Peak**

Location	Movement	Observed		
		Lights	Heavies	Total
Watery Lane Middleway NB	NB	1526	125	1651
Watery Lane Middleway SB	SB	1869	181	2050
Garrison Lane WB	WB	519	57	576
Garrison Lane EB	EB	362	51	413
Fazeley Street SB	SB	101	18	119
Fazeley Street NB	NB	284	13	297
Heath Mill Lane NB	NB	288	39	327
Heath Mill Lane SB	SB	303	39	342
Liverpool Street NB	NB	50	9	59
Liverpool Street SB	SB	32	9	41
High Street Bordesley SB	SB	407	90	497
High Street Bordesley NB	NB	871	66	937
Camp Hill NB	NB	465	24	489
Camp Hill SB	SB	219	37	256
Heath Mill Lane SB	SB	273	48	321
Heath Mill Lane NB	NB	316	41	357
High Street Deritend, west of Heath Mill Lane, EB	EB	305	93	398
High Street Deritend, west of Heath Mill Lane, WB	WB	814	94	908
High Street Deritend, east of Heath Mill Lane, WB	WB	914	84	998
Lister Street EB	EB	81	8	89
Lister Street WB	WB	284	9	293
Dartmouth Middleway, south of Lister St, NB	NB	1118	126	1244
Dartmouth Middleway, south of Lister St, SB	SB	1571	140	1711
Great Lister Street WB	WB	372	27	399
Great Lister Street EB	EB	122	10	132
James Watt Queensway SB	SB	913	32	945
James Watt Queensway NB	NB	449	69	518
Moor Street Queensway EB	EB	695	191	886
Jennens Road WB	WB	333	57	390
Jennens Road EB	EB	455	58	513
Chapel Street SB	SB	1037	153	1190
New Canal Street, south of Fazeley Street, NB	NB	96	8	104
New Canal Street, south of Fazeley Street, SB	SB	216	15	231

# Birmingham City Centre Model - Baseline Count Data

PM Peak

Location	Movement	Observed		
		Lights	Heavies	Total
Garrison Street	WB	80	4	84
Adderley Street	EB	60	3	63
Adderley Street	WB	104	6	110
Meriden Street	NB	69	6	75
Meriden Street	SB	217	8	225
Woodcock Street	NB	131	6	137
Woodcock Street	SB	61	2	63
Curzon Street	EB	387	18	405
Curzon Street	WB	198	11	209
Banbury Street	EB	9	1	10
Banbury Street	WB	23	1	24
Fazeley Street east of park street	EB	268	11	279
Fazeley Street east of park street	WB	85	5	90
Fazeley Street	EB	231	7	238
Fazeley Street	WB	206	10	216
Bordesley Street	EB	84	7	91
Bordesley Street	WB	31	3	33
A4540	NB	1564	132	1696
A4540 south of Ashted Circus Junction A47/A4540	SB	1366	64	1430
A4540 south of Curzon Circle Junction	NB	2151	80	2231
A4540 south of Curzon Circle Junction	SB	1447	155	1602
Landor Street	EB	192	25	217
Landor Street	WB	239	29	268
A4540 Bordesley Circus Junction A45	NB	1311	23	1334
A4540 Bordesley Circus Junction A45	SB	1367	21	1388
Great Barr Street	NB	444	34	478
Great Barr Street	SB	336	25	361
New Canal Street	NB	307	2	309
New Canal Street	SB	129	1	130
Park Street	SB	829	35	864
High Street	EB	1068	53	1121
High Street	WB	858	73	931
Fazeley Street	EB	268	7	275
Fazeley Street	WB	121	2	123
A45 south of Bordesley Circus Junction	NB	1063	86	1149
A45 south of Bordesley Circus Junction	SB	1361	99	1459
A4540 south of Bordesley Circus Junction	NB	1441	31	1472

# Birmingham City Centre Model - Baseline Count Data

PM Peak

Location	Movement	Observed		
		Lights	Heavies	Total
A4540	SB	1238	79	1317
A4540	NB	1523	40	1563
A4540	SB	1095	115	1210
A47 east of Ashted Circus Junction A47/A4540	EB	628	63	691
A47 east of Ashted Circus Junction A47/A4540	WB	509	52	561
Jennens Road EB	EB	524	47	571
Jennens Road WB	WB	363	42	405
New Canal Street, north of Banbury St, SB	SB	213	0	213
New Canal Street, north of Banbury St, NB	NB	484	5	489
Coventry Road, West of Bordesley Circus, NB	NB	499	33	532
Coventry Road, West of Bordesley Circus, SB	SB	522	37	559
Coventry Road, East of Bordesley Circus, WB	WB	703	23	726
Coventry Road, East of Bordesley Circus, EB	EB	694	33	727
CPMp Hill SB	SB	1020	55	1075
CPMp Hill NB	NB	458	56	514
Highgate Middleway NB	NB	1482	40	1522
Highgate Middleway SB	SB	1307	14	1321
Stratford Road NB	NB	548	71	619
Stratford Road SB	SB	970	64	1034
Curzon Street EB	EB	557	7	564
Curzon Street WB	WB	174	4	178
Vauxhall Road WB	WB	492	17	509
Vauxhall Road EB	EB	804	49	853
Aston Road, North of Junction, SB	SB	1302	73	1375
Aston Road, North of Junction, NB	NB	1999	68	2067
Newtown Middleway EB	EB	1380	43	1423
Newtown Middleway WB	WB	1682	34	1716
Aston Road, South of Junction, NB	NB	911	33	944
Aston Road, South of Junction, SB	SB	644	25	669
Dartmouth Middleway WB	WB	2080	36	2116
Dartmouth Middleway EB	EB	1348	58	1406
Seymour Street EB	EB	109	0	109
Seymour Street WB	WB	62	0	62
Lawley Middleway, north of Garrison Circus, SB	SB	2026	72	2098
Lawley Middleway, north of Garrison Circus, NB	NB	1705	62	1767
Great Barr Street EB	EB	554	32	586
Great Barr Street WB	WB	453	27	480



# Birmingham City Centre Model - Baseline Count Data

PM Peak

Location	Movement	Observed		
		Lights	Heavies	Total
Watery Lane Middleway NB	NB	1135	34	1169
Watery Lane Middleway SB	SB	1532	42	1574
Garrison Lane WB	WB	522	26	548
Garrison Lane EB	EB	547	33	580
Fazeley Street SB	SB	368	12	380
Fazeley Street NB	NB	160	16	176
Heath Mill Lane NB	NB	377	41	418
Heath Mill Lane SB	SB	362	35	397
Liverpool Street NB	NB	97	9	106
Liverpool Street SB	SB	129	11	140
High Street Bordesley SB	SB	1189	58	1247
High Street Bordesley NB	NB	731	62	793
CPMp Hill NB	NB	310	26	336
CPMp Hill SB	SB	816	20	836
Heath Mill Lane SB	SB	203	6	209
Heath Mill Lane NB	NB	364	37	401
High Street Deritend, west of Heath Mill Lane, EB	EB	920	64	984
High Street Deritend, west of Heath Mill Lane, WB	WB	549	53	602
High Street Deritend, east of Heath Mill Lane, WB	WB	858	73	931
Lister Street EB	EB	361	7	368
Lister Street WB	WB	136	5	141
Dartmouth Middleway, south of Lister St, NB	NB	1737	43	1780
Dartmouth Middleway, south of Lister St, SB	SB	1205	61	1266
Great Lister Street WB	WB	272	8	280
Great Lister Street EB	EB	291	7	298
JPMes Watt Queensway SB	SB	1004	21	1025
JPMes Watt Queensway NB	NB	555	63	618
Moor Street Queensway EB	EB	844	171	1015
Jennens Road WB	WB	368	43	411
Jennens Road EB	EB	406	50	456
Chapel Street SB	SB	1255	122	1377
New Canal Street, south of Fazeley Street, NB	NB	288	3	291
New Canal Street, south of Fazeley Street, SB	SB	232	1	233

**Appendix B8 - summary of Birmingham PRow survey data for Washwood Heath to Curzon Street (CFA26)**

# Birmingham PRow Surveys Data Summary

Site	Description of Location	2012		2013	
		Number of users (August / weekend)	Number of users (September / weekday)	Number of users (July weekend)	Number of users (July weekday)
20	Off Heartlands Parkway to the east of the River Tame	0	0	N/A	N/A
21	Off Heartlands Parkway to the west of the River Tame	0	0	N/A	N/A
22	Alstom Access Road Bridge	-	-	0	9
44	Water Orton Road	122	102	N/A	N/A
45	Chester Road Northbound Carriageway	168	53	N/A	N/A
46	A4040 / A47 Roundabout (Eastern side)	81	126	N/A	N/A
47	A4040 / A47 Roundabout (Western Side)	142	54	N/A	N/A
48	Aston Church Road between the A47 Heartlands Parkway junction to the west and Arley Road junction to the east	65	209	N/A	N/A
49	Grand Union Canal (eastern side) near Pembroke Way, between Saltley Viaduct and the railway line	9	22	N/A	N/A
50	Saltley Viaduct over the existing railway line, between the junctions with the A47 and Crawford Street	N/A	209	N/A	N/A
51	Duddeston Mill Road over the existing railway line, between the junctions with Inkerman Street and Adderley Road	75	258	N/A	N/A
52	Erschine Street to the southeast of the existing railway line and Dollman Street	41	76	N/A	N/A
53	Viaduct Street adjacent to the existing railway line, to the east of the A4540 Lawley Middleway	41	23	N/A	N/A
54	St James Place between the existing railway line and the junction with Vauxhall Road	20	29	N/A	N/A
55	Lawford Close between the existing railway line and the junction with Vauxhall Road	0	69	N/A	N/A
56	Lawley Middleway south bound between the existing railway line and the junction with the B4132 / Vauxhall Road	69	N/A	N/A	N/A
57	Lawley Middleway north bound between the existing railway line and the junction with the B4132 / Vauxhall Road	53	180	N/A	N/A
58	Canal (eastern side) to the south of Curzon Street near the junction with Penn Street	29	39	N/A	N/A
60	Access Road to the south of Curzon Street near the junction with the A4540 Lawley Middleway	3	241	N/A	N/A
61	Banbury Street to the east of the Banbury Street / New Canal Street Junction	77	64	N/A	N/A
62	New Canal Street to the south of the Banbury Street / New Canal Street Junction	93	313	176	191
63	New Canal Street to the north of the Banbury Street / New Canal Street Junction	309	1317	186	270
64	Banbury Street to the west of the Banbury Street / New Canal Street Junction	299	1076	160	204
65	Bartholomew Street to the north of the Bartholomew Street / Fazeley Street Junction	295	987	137	233
66	Fazeley Street to the west of the Bartholomew Street / Fazeley Street Junction	439	-	862	1633
67	Park Street to the south of the Fazeley Street / Park Street Junction	444	664	N/A	N/A
68/69	Footpath link across grass area between Fazeley Street and Park Street	201	585	N/A	N/A
70	Footpath link across grass area between Banbury Street and Bartholomew Street	299	-	51	55
71	Grass area with footpaths between M6 and Bromford Drive	15	16	N/A	N/A
72	Grass area with footpaths between M6 and Bromford Drive	6	0	N/A	N/A
73	Grass area with footpaths between M6 and Bromford Drive	105	313	N/A	N/A
74	Grass area with footpaths between M6 and Bromford Drive	3	2	N/A	N/A
75	Grass area with footpaths between M6 and Bromford Drive	15	6	N/A	N/A

## **Appendix B9 - summary of pedestrian and bus survey data for Birmingham city centre around proposed Curzon Street station (Moor Street Queensway)**

## Pedestrian Survey Counts

Link	Movement	AM (08:00-09:00)			PM (17:00-18:00)		
		Total	Average	Max	Total	Average	Max
P1	A	805	67	132	739	62	98
	B	771	64	89	681	57	76
	2-Way	1576	131	213	1420	118	174
P2	A	991	83	136	889	74	112
	B	449	37	52	927	77	87
	2-Way	1440	120	175	1816	151	192
P3	A	655	55	87	495	41	84
	B	267	22	32	730	61	83
	2-Way	922	77	114	1225	102	142
P4	A	290	24	44	154	13	20
	B	145	12	19	434	36	60
	2-Way	435	36	53	588	49	68
P5	A	118	10	17	239	20	34
	B	259	22	35	196	16	28
	2-Way	377	31	45	435	36	57
P6	A	44	4	7	91	8	15
	B	27	2	6	71	6	18
	2-Way	71	6	9	162	14	22
P7	A	44	4	6	79	7	12
	B	24	2	6	65	5	17
	2-Way	68	6	10	144	12	22
P8	A	348	29	54	259	22	30
	B	106	9	18	275	23	38
	2-Way	454	38	65	534	45	54
P9	A	37	3	6	77	6	16
	B	104	9	13	80	7	13
	2-Way	141	12	17	157	13	25
P10	A	434	36	59	955	80	110
	B	883	74	108	612	51	70
	2-Way	1317	110	150	1567	131	161

Link	Movement	AM (08:00-09:00)			PM (17:00-18:00)		
		Total	Average	Max	Total	Average	Max
P11	A	103	9	13	382	32	41
	B	196	16	31	127	11	23
	2-Way	299	25	40	509	42	60
P12	A	358	30	55	324	27	50
	B	227	19	35	379	32	41
	2-Way	585	49	74	703	59	83
P13	A	29	2	5	70	6	12
	B	10	1	4	89	7	15
	2-Way	39	3	6	159	13	22
P14	A	323	27	38	785	65	82
	B	604	50	81	688	57	105
	2-Way	927	77	115	1473	123	161
P15	A	441	37	55	360	30	54
	B	473	39	60	651	54	74
	2-Way	914	76	115	1011	84	100
P16	A	60	5	10	103	9	17
	B	158	13	22	108	9	21
	2-Way	218	18	28	211	18	26
P17	A	177	15	28	328	27	43
	B	348	29	49	358	30	44
	2-Way	525	44	67	686	57	83
P18	A	468	39	47	545	45	69
	B	371	31	57	304	25	36
	2-Way	839	70	84	849	71	103
P19	A	108	9	20	281	23	40
	B	349	29	51	260	22	30
	2-Way	457	38	59	541	45	56
P20	A	98	8	25	78	7	13
	B	35	3	6	153	13	23
	2-Way	133	11	29	231	19	27

Link	Movement	AM (08:00-09:00)			PM (17:00-18:00)		
		Total	Average	Max	Total	Average	Max
P21	A	449	37	57	525	44	67
	B	338	28	47	215	18	27
	2-Way	787	66	78	740	62	85
P22	A	49	4	10	128	11	20
	B	122	10	21	82	7	17
	2-Way	171	14	24	210	18	37
P23	A	392	33	64	252	21	33
	B	99	8	14	302	25	37
	2-Way	491	41	76	554	46	60
P24	A	215	18	31	123	10	16
	B	380	32	41	445	37	51
	2-Way	595	50	63	568	47	61
P25	A	42	4	8	204	17	25
	B	137	11	18	190	16	21
	2-Way	179	15	22	394	33	43
P26	A	954	80	149	634	53	108
	B	365	30	44	903	75	93
	2-Way	1319	110	183	1537	128	184
P27	A	373	31	39	397	33	48
	B	212	18	27	270	23	42
	2-Way	585	49	61	667	56	62
P28	A	538	45	66	514	43	75
	B	227	19	28	477	40	52
	2-Way	765	64	89	991	83	114
P29	A	90	8	15	215	18	36
	B	286	24	44	225	19	32
	2-Way	376	31	54	440	37	54
P30	A	269	22	42	139	12	18
	B	462	39	56	521	43	62
	2-Way	731	61	89	660	55	75

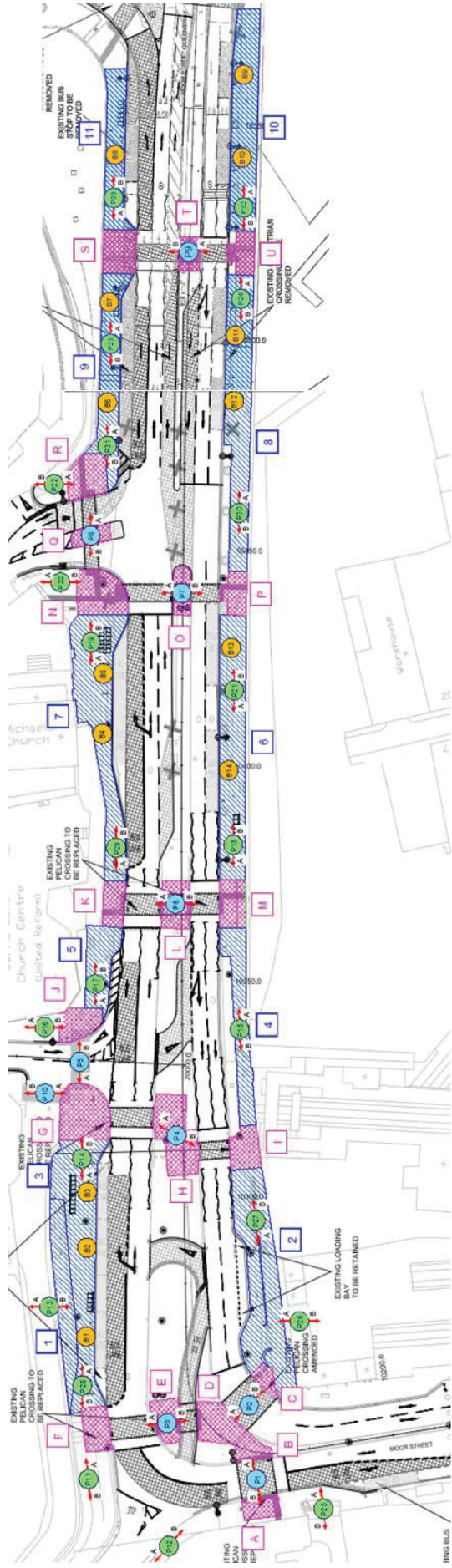
Link	Movement	AM (08:00-09:00)			PM (17:00-18:00)		
		Total	Average	Max	Total	Average	Max
P31	A	399	33	57	361	30	37
	B	189	16	27	344	29	44
	2-Way	588	49	79	705	59	77
P32	A	161	13	25	91	8	10
	B	408	34	48	404	34	52
	2-Way	569	47	61	495	41	61
P33	A	105	9	16	363	30	43
	B	512	43	79	260	22	42
	2-Way	617	51	89	623	52	72

### Bus Survey Counts

Link	AM (08:00 - 09:00)		PM (17:00 - 18:00)	
	Average	Max	Average	Max
B1	3	6	8	12
B2	1	3	2	4
B3	7	26	11	31
B4	1	3	1	4
B5	4	10	11	26
B6	0	2	3	8
B7	2	10	19	43
B8	0	0	0	0
B9	0	0	0	0
B10	1	3	5	9
B11	0	1	0	0
B12	2	6	2	6
B13	3	11	5	9
B14	2	4	4	9

Bus survey counts were collected at 5 minute intervals.





## **Appendix B10 - parking accumulation surveys in Birmingham city centre around proposed Curzon Street station (CFA26).**

SITE: CS52

DATE: 12/06/2012

LOCATION: Retail Car Park off Westley Street

DAY: Tuesday

TIME	IN					OUT					ACCUMULATION				
	CAR	LGV	HGV	MCL	TOT	CAR	LGV	HGV	MCL	TOT	CAR	LGV	HGV	MCL	TOT
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0					
07:00	2	0	0	0	2	0	0	0	0	0	2	0	0	0	2
07:15	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
07:30	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
07:45	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
H/TOT	2	0	0	0	2	0	0	0	0	0					
08:00	2	0	0	0	2	0	0	0	0	0	4	0	0	0	4
08:15	1	0	0	0	1	0	0	0	0	0	5	0	0	0	5
08:30	2	0	0	1	3	0	0	0	0	0	7	0	0	1	8
08:45	4	1	0	0	5	0	0	0	0	0	11	1	0	1	13
H/TOT	9	1	0	1	11	0	0	0	0	0					
09:00	2	0	0	0	2	1	0	0	0	1	12	1	0	1	14
09:15	2	0	1	0	3	0	0	0	0	0	14	1	1	1	17
09:30	0	0	0	1	1	1	1	0	0	2	13	0	1	2	16
09:45	5	1	1	0	7	1	1	1	0	3	17	0	1	2	20
H/TOT	9	1	2	1	13	3	2	1	0	6					
10:00	0	0	0	0	0	0	0	0	1	1	17	0	1	1	19
10:15	0	0	0	1	1	0	0	0	1	1	17	0	1	1	19
10:30	1	1	0	2	4	1	1	0	2	4	17	0	1	1	19
10:45	2	1	0	1	4	0	1	0	1	2	19	0	1	1	21
H/TOT	3	2	0	4	9	1	2	0	5	8					
11:00	1	0	0	0	1	0	0	0	1	1	20	0	1	0	21
11:15	2	0	2	0	4	3	0	1	0	4	19	0	2	0	21
11:30	4	1	1	1	7	1	0	0	1	2	22	1	3	0	26
11:45	2	0	0	0	2	3	0	1	0	4	21	1	2	0	24
H/TOT	9	1	3	1	14	7	0	2	2	11					
12:00	2	0	0	1	3	2	1	1	1	5	21	0	1	0	22
12:15	2	0	0	1	3	1	0	0	0	1	22	0	1	1	24
12:30	2	0	0	0	2	4	0	0	1	5	20	0	1	0	21
12:45	4	0	0	1	5	0	0	0	1	1	24	0	1	0	25
H/TOT	10	0	0	3	13	7	1	1	3	12					
13:00	2	1	0	0	3	1	1	0	0	2	25	0	1	0	26
13:15	2	0	0	1	3	3	0	0	0	3	24	0	1	1	26
13:30	0	0	0	0	0	0	0	1	0	1	24	0	0	1	25
13:45	1	1	0	0	2	4	1	0	0	5	21	0	0	1	22
H/TOT	5	2	0	1	8	8	2	1	0	11					
14:00	1	0	0	0	1	0	0	0	1	1	22	0	0	0	22
14:15	0	0	0	1	1	1	0	0	1	2	21	0	0	0	21
14:30	3	0	0	0	3	0	0	0	0	0	24	0	0	0	24
14:45	3	1	0	0	4	4	1	0	0	5	23	0	0	0	23
H/TOT	7	1	0	1	9	5	1	0	2	8					

SITE: CS52

DATE: 12/06/2012

LOCATION: Retail Car Park off Westley Street

DAY: Tuesday

TIME	IN					OUT					ACCUMULATION				
	CAR	LGV	HGV	MCL	TOT	CAR	LGV	HGV	MCL	TOT	CAR	LGV	HGV	MCL	TOT
15:00	1	2	0	0	3	1	2	0	0	3	23	0	0	0	23
15:15	1	1	0	1	3	2	1	0	0	3	22	0	0	1	23
15:30	0	1	0	0	1	2	1	0	0	3	20	0	0	1	21
15:45	2	0	0	0	2	0	0	0	0	0	22	0	0	1	23
H/TOT	4	4	0	1	9	5	4	0	0	9					
16:00	2	0	0	1	3	4	0	0	0	4	20	0	0	2	22
16:15	2	0	0	1	3	4	0	0	0	4	18	0	0	3	21
16:30	0	0	0	0	0	0	0	0	1	1	18	0	0	2	20
16:45	0	0	0	0	0	0	0	0	0	0	18	0	0	2	20
H/TOT	4	0	0	2	6	8	0	0	1	9					
17:00	0	0	0	0	0	4	0	0	0	4	14	0	0	2	16
17:15	1	0	0	2	3	2	0	0	0	2	13	0	0	4	17
17:30	0	0	0	0	0	0	0	0	3	3	13	0	0	1	14
17:45	1	0	0	1	2	3	0	0	1	4	11	0	0	1	12
H/TOT	2	0	0	3	5	9	0	0	4	13					
18:00	0	0	0	0	0	4	0	0	1	5	7	0	0	0	7
18:15	0	0	0	0	0	2	0	0	0	2	5	0	0	0	5
18:30	0	0	0	0	0	1	0	0	0	1	4	0	0	0	4
18:45	1	0	0	0	1	0	0	0	0	0	5	0	0	0	5
H/TOT	1	0	0	0	1	7	0	0	1	8					
19:00	0	0	0	0	0	1	0	0	0	1	4	0	0	0	4
19:15	0	0	0	0	0	0	0	0	0	0	4	0	0	0	4
19:30	0	0	0	0	0	1	0	0	0	1	3	0	0	0	3
19:45	0	0	0	0	0	1	0	0	0	1	2	0	0	0	2
H/TOT	0	0	0	0	0	3	0	0	0	3					
20:00	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0
20:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	2	0	0	0	2					
P/TOT	60	12	5	15	92	49	12	5	13	79					

Vehicles parked at 06:00

CAR	LGV	HGV	MCL
0	0	0	0

Vehicles parked at 21:00

CAR	LGV	HGV	MCL
0	0	0	0

 Peak Accumulation **26**

Capacity 108

% of capacity 24.1%



SITE: CS57

DATE: 12/06/2012

LOCATION: Thinktank Car Park

DAY: Tuesday

TIME	IN - access 1					OUT - access 1					IN - access 2					OUT - access 2					ACCUMULATION				
	CAR	LGV	HGV	MCL	TOT	CAR	LGV	HGV	MCL	TOT	CAR	LGV	HGV	MCL	TOT	CAR	LGV	HGV	MCL	TOT	CAR	LGV	HGV	MCL	TOT
06:00	2	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	10	0	0	0	10
06:15	2	1	0	0	3	0	0	0	0	0	1	0	0	0	3	0	0	0	0	0	13	1	0	0	14
06:30	5	0	0	0	5	0	0	0	0	0	1	0	0	0	5	0	0	0	0	0	19	1	0	0	20
06:45	9	1	0	0	10	0	0	0	0	0	3	1	0	0	10	0	0	0	0	0	31	3	0	0	34
H/TOT	18	2	0	0	20	0	0	0	0	0	5	1	0	0	20	0	0	0	0	0					
07:00	14	0	0	0	14	0	0	0	0	0	5	0	0	0	14	0	0	0	0	0	50	3	0	0	53
07:15	17	0	0	0	17	0	0	0	0	0	4	0	0	0	17	0	0	0	0	0	71	3	0	0	74
07:30	37	3	0	0	40	0	0	0	0	0	8	1	0	0	40	0	0	0	0	0	116	7	0	0	123
07:45	32	0	0	0	32	0	0	0	0	0	7	0	0	0	32	0	0	0	0	0	155	7	0	0	162
H/TOT	100	3	0	0	103	0	0	0	0	0	24	1	0	0	103	0	0	0	0	0					
08:00	21	0	0	0	21	0	0	0	0	0	15	0	0	0	21	0	0	0	0	0	191	7	0	0	198
08:15	34	0	0	0	34	1	0	0	0	1	19	0	0	0	34	0	0	0	0	1	243	7	0	0	250
08:30	36	0	0	0	36	0	0	0	0	0	16	0	0	0	36	0	0	0	0	0	295	7	0	0	302
08:45	44	0	0	0	44	1	0	0	0	1	20	0	0	0	44	1	0	0	0	1	357	7	0	0	364
H/TOT	135	0	0	0	135	2	0	0	0	2	70	0	0	0	135	1	0	0	0	2					
09:00	37	0	0	0	37	2	0	0	0	2	12	0	0	0	37	1	0	0	0	2	403	7	0	0	410
09:15	21	1	0	0	22	3	0	0	0	3	8	0	0	0	22	0	0	0	0	3	429	8	0	0	437
09:30	24	0	0	0	24	2	0	0	0	2	13	1	0	0	24	0	1	0	0	2	464	8	0	0	472
09:45	16	1	0	0	17	3	0	0	0	3	5	0	0	0	17	1	0	0	0	3	481	9	0	0	490
H/TOT	98	2	0	0	100	10	0	0	0	10	38	1	0	0	100	2	1	0	0	10					
10:00	11	0	0	0	11	2	0	0	0	2	7	0	0	0	11	0	0	0	0	2	497	9	0	0	506
10:15	9	0	0	0	9	1	0	0	0	1	3	0	0	0	9	0	0	0	0	1	508	9	0	0	517
10:30	6	0	0	0	6	4	0	0	0	4	5	0	0	0	6	0	0	0	0	4	515	9	0	0	524
10:45	5	0	0	0	5	1	0	0	0	1	5	0	0	0	5	2	0	0	0	1	522	9	0	0	531
H/TOT	31	0	0	0	31	8	0	0	0	8	20	0	0	0	31	2	0	0	0	8					
11:00	7	0	0	0	7	3	0	0	0	3	3	0	0	0	7	0	0	0	0	3	529	9	0	0	538
11:15	6	0	0	0	6	10	0	0	0	10	5	2	0	0	6	2	0	0	0	10	528	11	0	0	539
11:30	4	0	0	0	4	6	0	0	0	6	4	1	0	0	4	2	0	0	0	6	528	12	0	0	540
11:45	10	0	0	0	10	5	0	0	0	5	3	0	0	0	10	1	0	0	0	5	535	12	0	0	547
H/TOT	27	0	0	0	27	24	0	0	0	24	15	3	0	0	27	5	0	0	0	24					
12:00	4	0	0	0	4	2	0	0	0	2	4	0	0	0	4	0	0	0	0	2	541	12	0	0	553
12:15	2	0	0	0	2	6	0	0	0	6	3	0	0	0	2	0	1	0	0	6	540	11	0	0	551
12:30	6	0	0	0	6	9	0	0	0	9	1	0	0	0	6	0	0	0	0	9	538	11	0	0	549
12:45	5	1	0	0	6	9	0	0	0	9	4	0	0	0	6	1	0	0	0	9	537	12	0	0	549
H/TOT	17	1	0	0	18	26	0	0	0	26	12	0	0	0	18	1	1	0	0	26					
13:00	8	0	0	0	8	4	0	0	0	4	5	1	0	0	8	3	0	0	0	4	543	13	0	0	556
13:15	4	0	0	0	4	10	1	0	0	11	3	0	0	0	4	3	1	0	0	11	537	11	0	0	548
13:30	7	0	0	0	7	3	0	0	0	3	6	0	0	0	7	2	0	0	0	3	545	11	0	0	556
13:45	7	0	0	0	7	14	0	0	0	14	1	0	0	0	7	1	1	0	0	14	538	10	0	0	548
H/TOT	26	0	0	0	26	31	1	0	0	32	15	1	0	0	26	9	2	0	0	32					
14:00	4	0	0	0	4	5	0	0	0	5	1	0	0	0	4	3	0	0	0	5	535	10	0	0	545
14:15	15	0	0	0	15	11	0	0	0	11	2	0	0	0	15	1	0	0	0	11	540	10	0	0	550
14:30	5	0	0	0	5	16	1	0	0	17	5	0	0	0	5	3	0	0	0	17	531	9	0	0	540
14:45	3	0	0	0	3	14	0	0	0	14	0	0	0	0	3	8	0	0	0	14	512	9	0	0	521
H/TOT	27	0	0	0	27	46	1	0	0	47	8	0	0	0	27	15	0	0	0	47					



SITE: CS57

DATE: 12/06/2012

LOCATION: Thinktank Car Park

DAY: Tuesday

TIME	IN - access 1					OUT - access 1					IN - access 2					OUT - access 2					ACCUMULATION				
	CAR	LGV	HGV	MCL	TOT	CAR	LGV	HGV	MCL	TOT	CAR	LGV	HGV	MCL	TOT	CAR	LGV	HGV	MCL	TOT	CAR	LGV	HGV	MCL	TOT
15:00	3	0	0	0	3	27	1	0	0	28	4	0	0	0	3	7	0	0	0	28	485	8	0	0	493
15:15	3	0	0	0	3	11	0	0	0	11	1	0	0	0	3	3	0	0	0	11	475	8	0	0	483
15:30	2	0	0	0	2	20	0	0	0	20	1	0	0	0	2	4	0	0	0	20	454	8	0	0	462
15:45	1	0	0	0	1	17	3	0	0	20	1	0	0	0	1	5	0	0	0	20	434	5	0	0	439
H/TOT	9	0	0	0	9	75	4	0	0	79	7	0	0	0	9	19	0	0	0	79					
16:00	1	0	0	0	1	37	1	0	0	38	1	0	0	0	1	10	0	0	0	38	389	4	0	0	393
16:15	1	0	0	0	1	37	0	0	0	37	1	0	0	0	1	4	2	0	0	37	350	2	0	0	352
16:30	2	0	0	0	2	39	0	0	0	39	0	0	0	0	2	4	0	0	0	39	309	2	0	0	311
16:45	0	0	0	0	0	20	0	0	0	20	0	0	0	0	0	6	0	0	0	20	283	2	0	0	285
H/TOT	4	0	0	0	4	133	1	0	0	134	2	0	0	0	4	24	2	0	0	134					
17:00	1	0	0	0	1	16	0	0	0	16	1	0	0	0	1	7	0	0	0	16	262	2	0	0	264
17:15	0	0	0	0	0	28	0	0	0	28	0	0	0	0	0	8	0	0	0	28	226	2	0	0	228
17:30	1	0	0	0	1	51	0	0	0	51	1	0	0	0	1	4	0	0	0	51	173	2	0	0	175
17:45	0	0	0	0	0	29	0	0	0	29	0	0	0	0	0	3	0	0	0	29	141	2	0	0	143
H/TOT	2	0	0	0	2	124	0	0	0	124	2	0	0	0	2	22	0	0	0	124					
18:00	1	0	0	0	1	21	0	0	0	21	7	0	0	0	1	3	0	0	0	21	125	2	0	0	127
18:15	1	0	0	0	1	20	0	0	0	20	6	0	0	0	1	2	0	0	0	20	110	2	0	0	112
18:30	2	0	0	0	2	15	0	0	0	15	2	0	0	0	2	9	0	0	0	15	90	2	0	0	92
18:45	1	0	0	0	1	10	0	0	0	10	1	0	0	0	1	1	0	0	0	10	81	2	0	0	83
H/TOT	5	0	0	0	5	66	0	0	0	66	16	0	0	0	5	15	0	0	0	66					
19:00	0	0	0	0	0	6	0	0	0	6	0	0	0	0	0	3	0	0	0	6	72	2	0	0	74
19:15	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	2	70	2	0	0	72
19:30	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	0	0	0	3	67	2	0	0	69
19:45	2	0	0	0	2	5	0	0	0	5	0	0	0	0	2	0	0	0	0	5	64	2	0	0	66
H/TOT	2	0	0	0	2	16	0	0	0	16	0	0	0	0	2	3	0	0	0	16					
20:00	1	0	0	0	1	3	0	0	0	3	3	0	0	0	1	2	0	0	0	3	63	2	0	0	65
20:15	1	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	64	2	0	1	67
20:30	1	0	0	0	1	1	0	0	0	1	0	0	0	0	1	0	0	0	0	1	64	2	0	1	67
20:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64	2	0	1	67
H/TOT	3	0	0	0	3	4	0	0	0	4	3	0	0	1	3	2	0	0	0	4					
P/TOT	397	5	0	0	402	375	7	0	0	382	195	6	0	1	402	83	6	0	0	382					

Vehicles parked at 06:00

CAR	LGV	HGV	MCL
8	0	0	0

Vehicles parked at 21:00

CAR	LGV	HGV	MCL
48	0	0	0

Peak Accumulation 556

Capacity 899

% of capacity 61.8%

SITE: CS58

DATE: 12/06/2012

LOCATION: Curzon Street Car Park

DAY: Tuesday

TIME	IN					OUT					ACCUMULATION				
	CAR	LGV	HGV	MCL	TOT	CAR	LGV	HGV	MCL	TOT	CAR	LGV	HGV	MCL	TOT
06:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
06:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
06:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
06:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	0	0					
07:00	8	3	0	0	11	1	0	0	0	1	8	3	0	0	11
07:15	12	3	0	0	15	1	0	0	0	1	19	6	0	0	25
07:30	9	3	0	0	12	0	1	0	0	1	28	8	0	0	36
07:45	12	0	0	0	12	0	0	0	0	0	40	8	0	0	48
H/TOT	41	9	0	0	50	2	1	0	0	3					
08:00	15	1	0	0	16	0	0	0	0	0	55	9	0	0	64
08:15	27	0	0	0	27	1	0	0	0	1	81	9	0	0	90
08:30	29	0	0	0	29	0	0	0	0	0	110	9	0	0	119
08:45	18	1	0	0	19	0	0	0	0	0	128	10	0	0	138
H/TOT	89	2	0	0	91	1	0	0	0	1					
09:00	12	0	0	0	12	1	0	0	0	1	139	10	0	0	149
09:15	16	0	0	0	16	3	0	0	0	3	152	10	0	0	162
09:30	6	1	0	0	7	3	0	0	0	3	155	11	0	0	166
09:45	10	0	0	0	10	2	0	0	0	2	163	11	0	0	174
H/TOT	44	1	0	0	45	9	0	0	0	9					
10:00	4	0	0	0	4	0	0	0	0	0	167	11	0	0	178
10:15	4	0	0	0	4	2	0	0	0	2	169	11	0	0	180
10:30	3	0	0	0	3	2	0	0	0	2	170	11	0	0	181
10:45	7	0	0	0	7	0	1	0	0	1	177	10	0	0	187
H/TOT	18	0	0	0	18	4	1	0	0	5					
11:00	6	0	0	0	6	2	1	0	0	3	181	9	0	0	190
11:15	2	0	0	0	2	2	0	0	0	2	181	9	0	0	190
11:30	2	0	0	0	2	0	0	0	0	0	183	9	0	0	192
11:45	5	0	0	0	5	2	0	0	0	2	186	9	0	0	195
H/TOT	15	0	0	0	15	6	1	0	0	7					
12:00	2	0	0	0	2	1	0	0	0	1	187	9	0	0	196
12:15	1	1	0	0	2	3	0	0	0	3	185	10	0	0	195
12:30	0	0	0	0	0	1	0	0	0	1	184	10	0	0	194
12:45	7	0	0	0	7	3	0	0	0	3	188	10	0	0	198
H/TOT	10	1	0	0	11	8	0	0	0	8					
13:00	1	0	0	0	1	0	0	0	0	0	189	10	0	0	199
13:15	3	0	0	0	3	2	0	0	0	2	190	10	0	0	200
13:30	2	0	0	0	2	2	0	0	0	2	190	10	0	0	200
13:45	2	0	0	0	2	3	0	0	0	3	189	10	0	0	199
H/TOT	8	0	0	0	8	7	0	0	0	7					
14:00	1	1	0	0	2	7	1	0	0	8	183	10	0	0	193
14:15	3	0	0	0	3	3	0	0	0	3	183	10	0	0	193
14:30	1	1	0	0	2	3	0	0	0	3	181	11	0	0	192
14:45	1	0	0	0	1	5	1	0	0	6	177	10	0	0	187
H/TOT	6	2	0	0	8	18	2	0	0	20					

SITE: CS58

DATE: 12/06/2012

LOCATION: Curzon Street Car Park

DAY: Tuesday

TIME	IN				TOT	OUT				TOT	ACCUMULATION				TOT
	CAR	LGV	HGV	MCL		CAR	LGV	HGV	MCL		CAR	LGV	HGV	MCL	
15:00	5	0	0	0	5	10	0	0	0	10	172	10	0	0	182
15:15	1	0	0	0	1	7	0	0	0	7	166	10	0	0	176
15:30	2	0	0	0	2	11	2	0	0	13	157	8	0	0	165
15:45	0	0	0	0	0	12	1	0	0	13	145	7	0	0	152
H/TOT	8	0	0	0	8	40	3	0	0	43					
16:00	2	0	0	0	2	13	3	0	0	16	134	4	0	0	138
16:15	2	0	0	0	2	16	1	0	0	17	120	3	0	0	123
16:30	0	0	0	0	0	18	0	0	0	18	102	3	0	0	105
16:45	0	0	0	0	0	11	0	0	0	11	91	3	0	0	94
H/TOT	4	0	0	0	4	58	4	0	0	62					
17:00	0	0	0	0	0	16	0	0	0	16	75	3	0	0	78
17:15	0	0	0	0	0	14	1	0	0	15	61	2	0	0	63
17:30	1	0	0	0	1	12	1	0	0	13	50	1	0	0	51
17:45	1	0	0	0	1	13	0	0	0	13	38	1	0	0	39
H/TOT	2	0	0	0	2	55	2	0	0	57					
18:00	0	0	0	0	0	8	0	0	0	8	30	1	0	0	31
18:15	0	0	0	0	0	15	0	0	0	15	15	1	0	0	16
18:30	0	0	0	0	0	9	1	0	0	10	6	0	0	0	6
18:45	0	0	0	0	0	5	0	0	0	5	1	0	0	0	1
H/TOT	0	0	0	0	0	37	1	0	0	38					
19:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
19:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
19:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
19:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	0	0					
20:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
20:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
20:30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
20:45	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	0	0					
P/TOT	202	6	0	0	208	151	11	0	0	162					

Vehicles parked at 06:00

CAR	LGV	HGV	MCL
1	0	0	0

Vehicles parked at 21:00

CAR	LGV	HGV	MCL
0	0	0	0

 Peak Accumulation **200**

Capacity 500

% of capacity 40.0%

Notes:

Car park operating hours are 07:00 to 19:00





DAY: Wednesday

CS96 - NCP Brunel St Car Park.xlsxcunt



SITE: CS96

DATE: 27/06/12

LOCATION: NCP Brunel Street Car Park

DAY: Wednesday

TIME	VEHICLE COUNT																							
	BRUNEL STREET ENTRY						BRUNEL STREET EXIT - Locked All Day						NAVIGATION STREET ENTRY						NAVIGATION STREET EXIT					
	CAR 1	CAR 2	CAR 3	CAR 4	LGV	MCL	PCL	TOT	CAR 1	CAR 2	CAR 3	CAR 4	LGV	MCL	PCL	TOT	CAR 1	CAR 2	CAR 3	CAR 4	LGV	MCL	PCL	TOT
13:00								0									8	4	0	0	0	0	0	12
13:15								0									6	3	0	0	0	0	0	9
13:30								0									10	3	0	1	0	0	0	14
13:45								0									18	3	0	0	0	0	0	21
H/TOT	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	42	13	0	1	0	0	0	56
14:00								0									5	4	0	0	0	0	0	9
14:15								0									7	1	2	1	0	0	0	11
14:30								0									10	5	0	0	0	0	0	15
14:45								0									7	1	0	0	0	0	0	8
H/TOT	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	29	11	2	1	0	0	0	43
15:00								0									11	4	0	0	2	0	0	17
15:15								0									5	4	0	0	0	0	0	9
15:30	2	0	0	0	0	0	0	2									4	3	0	0	0	0	0	7
15:45	7	1	1	0	0	0	0	9									2	3	1	1	0	0	0	7
H/TOT	9	1	1	0	0	0	0	11	0	0	0	0	0	0	0	0	22	14	1	1	2	0	0	40
16:00	2	0	0	0	0	0	0	2									7	5	1	0	0	0	0	13
16:15	4	2	0	0	0	0	0	6									4	1	0	0	0	0	0	5
16:30	5	0	0	0	0	0	0	5									7	3	1	0	1	0	0	12
16:45	3	2	0	0	0	0	0	5									6	2	0	0	0	0	0	8
H/TOT	14	4	0	0	0	0	0	18	0	0	0	0	0	0	0	0	24	11	2	0	1	0	0	38
17:00	2	0	0	0	0	0	0	2									4	3	0	1	0	0	0	8
17:15	3	0	0	0	0	0	0	3									5	1	0	0	0	0	0	6
17:30	4	1	0	0	1	0	0	6									7	3	0	0	0	0	0	10
17:45	2	1	0	0	1	0	0	4									7	5	0	1	0	0	0	13
H/TOT	11	2	0	0	2	0	0	15	0	0	0	0	0	0	0	0	23	12	0	2	0	0	0	37
18:00	5	0	0	0	1	0	0	6									3	1	0	0	0	0	0	4
18:15	3	0	2	0	0	0	0	5									5	2	0	2	0	0	0	9
18:30	2	1	2	2	0	0	0	7									3	3	0	0	0	0	0	6
18:45	0	0	0	2	0	0	0	2									10	6	1	0	0	0	0	17
H/TOT	10	1	4	4	1	0	0	20	0	0	0	0	0	0	0	0	21	12	1	2	0	0	0	36
19:00	2	0	0	0	0	0	0	2									6	1	2	0	0	0	0	9
19:15	0	0	0	0	0	0	0	0									1	1	0	1	0	0	0	3
19:30	3	0	0	0	0	0	0	3									2	3	0	0	0	0	0	5
19:45	1	0	0	0	1	0	0	2									1	4	2	0	0	0	0	7
H/TOT	6	0	0	0	1	0	0	7	0	0	0	0	0	0	0	0	10	9	4	1	0	0	0	24



DATE: 27/06/12

DAY: Wednesday

CS96 - NCP Brunel St Car Park.xlsxcount



DATE: 27/06/12

DAY: Wednesday

CS96 - NCP Brunel St Car Park.xlsxcount



DATE: 27/06/12

DAY: Wednesday

CS96 - NCP Brunel St Car Park.xlsxcount



SITE: CS96

DATE: 27/06/12

LOCATION: NCP Brunel Street Car Park

DAY: Wednesday

TIME	TOTAL ENTRY							TOTAL EXIT							VEHICLE COUNT							ACCUMULATION							TOT								
	CAR 1	CAR 2	CAR 3	CAR 4	LGV	MCL	PCL	TOT	CAR 1	CAR 2	CAR 3	CAR 4	LGV	MCL	PCL	TOT	CAR 1	CAR 2	CAR 3	CAR 4	LGV	MCL	PCL	TOT	CAR 1	CAR 2	CAR 3	CAR 4		LGV	MCL	PCL	TOT				
20:00	10	1	0	0	0	0	0	11	7	2	1	0	1	0	0	11	140	7	11	4	5	0	0	167	140	7	11	4	5	0	0	167					
20:15	2	0	0	0	0	0	0	2	8	1	0	0	0	0	0	9	134	6	11	4	5	0	0	160	134	6	11	4	5	0	0	160					
20:30	2	0	0	0	0	0	0	2	10	3	1	1	0	0	0	15	126	3	10	3	5	0	0	147	126	3	10	3	5	0	0	147					
20:45	2	0	0	0	0	0	0	2	9	3	1	1	0	0	0	14	119	0	9	2	5	0	0	135	119	0	9	2	5	0	0	135					
H/TOT	16	1	0	0	0	0	0	17	34	9	3	2	1	0	0	49																					
P/TOT	592	170	24	14	18	0	0	818	515	170	15	12	13	0	0	725																					
Vehicles parked at 06:00																		Vehicles parked at 21:00										Peak Accumulation									
							CAR 1	CAR 2	CAR 3	CAR 4	LGV	MCL	PCL								CAR 1	CAR 2	CAR 3	CAR 4	LGV	MCL	PCL								361		
							42				0	0	0								130				5	0	0								402		
																																			89.8%		
																																			% of capacity		



**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
06:06	6DHM	1	06:07	6DHM	0	00:01
06:06	0BGE	1	06:15	0BGE	0	00:09
06:08	5HUA	1	06:09	5HUA	1	00:01
06:08	2TPZ	1	06:09	2TPZ	0	00:01
06:08	3HFZ	1	06:09	3HFZ	0	00:01
06:09	0KAK	1	06:10	0KAK	0	00:01
06:09	2BXC	1	06:11	2BXC	0	00:02
06:10	5HUA	1	06:10	5HUA	0	00:00
06:10	6DMZ	1	06:11	6DMZ	0	00:01
06:10	0DTY	1	06:13	0DTY	0	00:03
06:11	0XHP	1	06:11	0XHP	0	00:00
06:12	0JKJ	0	06:12	0JKJ	1	00:00
06:12	9WFX	1	06:13	9WFX	0	00:01
06:12	2JEE	1	06:25	2JEE	0	00:13
06:12	4CRW	1	06:26	4CRW	0	00:14
06:13	6VHR	1	06:14	6VHR	0	00:01
06:16	3TVN	1	06:16	3TVN	0	00:00
06:17	4AXS	0	06:17	4AXS	1	00:00
06:18	0YKW	1	06:19	0YKW	0	00:01
06:18	7LKN	1	06:19	7LKN	0	00:01
06:19	2CTY	1	06:19	2CTY	0	00:00
06:19	LLCR	1	06:19	LLCR	0	00:00
06:20	9YOJ	0	06:20	9YOJ	1	00:00
06:20	7DZP	0	06:20	7DZP	1	00:00
06:21	3AMS	1	06:22	3AMS	0	00:01
06:21	6YCE	1	06:22	6YCE	0	00:01
06:21	8UJW	1	06:22	8UJW	0	00:01
06:22	7BKU	1	06:22	7BKU	0	00:00
06:22	5VFH	2	06:22	5VFH	0	00:00
06:23	2VFT	1	06:24	2VFT	0	00:01
06:23	2EUT	2	06:25	2EUT	0	00:02
06:25	9DZO	0	06:25	9DZO	1	00:00
06:26	6XAE	1	06:30	6XAE	0	00:04
06:27	30AU	1	06:27	30AU	0	00:00
06:27	9ED0	1	06:27	9ED0	0	00:00
06:27	6XHU	0	06:27	6XHU	1	00:00
06:27	4UTS	0	06:27	4UTS	2	00:00
06:27	0LHO	1	06:28	0LHO	0	00:01
06:27	2CGV	1	06:41	2CGV	0	00:14
06:28	6EXA	0	06:28	6EXA	1	00:00

NDC for  
Arup



**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
06:29	2LMJ	3	06:30	2LMJ	0	00:01
06:30	0CPY	3	06:35	0CPY	0	00:05
06:31	3HCD	1	06:33	3HCD	0	00:02
06:32	5SKE	1	06:33	5SKE	0	00:01
06:33	10VL	1	06:33	10VL	0	00:00
06:34	0WYW	1	06:34	0WYW	0	00:00
06:34	3EKA	1	06:34	3EKA	0	00:00
06:34	5FUK	1	06:34	5FUK	0	00:00
06:34	70DJ	1	06:34	70DJ	0	00:00
06:34	8FEU	1	06:36	8FEU	0	00:02
06:34	4FVN	1	06:37	4FVN	0	00:03
06:34	7TGT	1	06:41	7TGT	0	00:07
06:35	10AY	1	06:35	10AY	0	00:00
06:35	2PYS	1	06:39	2PYS	0	00:04
06:36	3CRF	1	06:36	3CRF	0	00:00
06:36	6JKS	1	06:36	6JKS	0	00:00
06:36	8HVH	0	06:36	8HVH	1	00:00
06:36	3GRX	1	06:37	3GRX	0	00:01
06:37	7XKG	1	06:37	7XKG	0	00:00
06:38	8AOF	1	06:38	8AOF	0	00:00
06:38	3JFG	0	06:38	3JFG	2	00:00
06:39	1YUY	1	06:40	1YUY	0	00:01
06:39	9MHZ	1	06:40	9MHZ	0	00:01
06:39	2VCC	1	06:43	2VCC	0	00:04
06:39	0FRX	1	06:46	0FRX	0	00:07
06:40	0KKT	1	06:41	0KKT	0	00:01
06:40	8KLV	1	06:42	8KLV	0	00:02
06:41	39JZ	1	06:41	39JZ	0	00:00
06:42	1YZX	1	06:42	1YZX	0	00:00
06:42	8FGG	1	06:42	8FGG	0	00:00
06:42	9FF0	1	06:42	9FF0	0	00:00
06:42	5USP	1	06:43	5USP	0	00:01
06:43	2UAA	1	06:44	2UAA	0	00:01
06:43	9RYP	1	06:54	9RYP	0	00:11
06:44	7VXZ	1	06:44	7VXZ	0	00:00
06:44	30XR	1	06:44	30XR	0	00:00
06:44	80U0	1	06:44	80U0	0	00:00
06:44	3BOH	0	06:44	3BOH	1	00:00
06:44	1TYA	0	06:44	1TYA	1	00:00
06:45	2XCC	1	06:45	2XCC	0	00:00

NDC for  
Arup





**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
06:45	0ZZV	1	06:45	0ZZV	0	00:00
06:45	9WLD	1	06:45	9WLD	0	00:00
06:46	0WHX	0	06:46	0WHX	1	00:00
06:46	0UDH	0	06:46	0UDH	1	00:00
06:46	6WMM	1	06:47	6WMM	0	00:01
06:47	50FM	1	06:47	50FM	0	00:00
06:48	7YWJ	1	06:49	7YWJ	0	00:01
06:48	3ZCZ	0	06:52	3ZCZ	1	00:04
06:49	1YRF	1	06:49	1YRF	0	00:00
06:49	4TOE	1	06:49	4TOE	0	00:00
06:49	4LHD	1	06:50	4LHD	0	00:01
06:49	8VPD	1	06:50	8VPD	0	00:01
06:50	0XBA	1	06:50	0XBA	0	00:00
06:50	0PVZ	1	06:51	0PVZ	0	00:01
06:50	1UZL	1	06:51	1UZL	0	00:01
06:51	4JUE	1	06:52	4JUE	1	00:01
06:51	7VWE	1	06:52	7VWE	0	00:01
06:51	9UJE	1	06:52	9UJE	0	00:01
06:53	2XMU	1	06:54	2XMU	0	00:01
06:54	0FJF	1	06:55	0FJF	0	00:01
06:54	5SXT	1	06:55	5SXT	0	00:01
06:54	8UEL	1	06:55	8UEL	0	00:01
06:54	9KZM	1	06:55	9KZM	0	00:01
06:54	5EHJ	1	06:58	5EHJ	0	00:04
06:55	0OFM	1	06:55	0OFM	0	00:00
06:55	8E0Z1	1	06:55	8E0Z1	0	00:00
06:55	0EWC	1	06:56	0EWC	0	00:01
06:55	8JNV	1	06:56	8JNV	0	00:01
06:55	3GVT	1	06:58	3GVT	0	00:03
06:55	4HNP	1	06:58	4HNP	0	00:03
06:55	7SZR	1	06:58	7SZR	0	00:03
06:59	4CXE	1	06:59	4CXE	0	00:00
07:00	5PUL	1	07:00	5PUL	0	00:00
07:00	6BZW	1	07:00	6BZW	0	00:00
07:00	30HV	1	07:00	30HV	0	00:00
07:00	6ELO	2	07:00	6ELO	0	00:00
07:01	4KKB	1	07:01	4KKB	0	00:00
07:01	00LR	1	07:01	00LR	0	00:00
07:01	350C	1	07:01	350C	0	00:00
07:01	5U0G	1	07:01	5U0G	0	00:00

NDC for  
Arup



**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
07:01	1XHJ	1	07:02	1XHJ	0	00:01
07:02	1BPU	1	07:03	1BPU	0	00:01
07:02	3RSX	0	07:06	3RSX	1	00:04
07:03	0YVT	1	07:03	0YVT	0	00:00
07:03	2LOA	1	07:03	2LOA	0	00:00
07:03	4BLK	1	07:05	4BLK	0	00:02
07:04	0US0	1	07:04	0US0	0	00:00
07:05	1WDT	1	07:06	1WDT	1	00:01
07:05	9YDC	1	07:07	9YDC	0	00:02
07:06	3AAW	2	07:07	3AAW	0	00:01
07:06	6BVF	1	07:16	6BVF	0	00:10
07:07	6LZG	1	07:07	6LZG	0	00:00
07:08	800G	2	07:08	800G	0	00:00
07:09	3DRF	1	07:12	3DRF	0	00:03
07:09	3XFL	1	07:15	3XFL	0	00:06
07:10	0OND	1	07:10	0OND	0	00:00
07:10	3DNN	1	07:10	3DNN	0	00:00
07:10	4BVC	1	07:11	4BVC	0	00:01
07:10	6NUP	1	07:11	6NUP	0	00:01
07:11	3ORF	1	07:11	3ORF	0	00:00
07:11	1LKC	1	07:12	1LKC	0	00:01
07:11	7WMP	1	07:13	7WMP	0	00:02
07:11	9RYO	1	07:13	9RYO	0	00:02
07:11	5YKT	0	07:14	5YKT	1	00:03
07:12	9VGY	1	07:12	9VGY	0	00:00
07:12	0RCV	1	07:13	0RCV	0	00:01
07:12	4JFP	1	07:13	4JFP	0	00:01
07:12	6KCJ	1	07:13	6KCJ	0	00:01
07:12	2CWX	2	07:13	2CWX	0	00:01
07:13	H786	1	07:16	H786	0	00:03
07:14	0BYJ	1	07:14	0BYJ	0	00:00
07:14	4SUB	1	07:15	4SUB	0	00:01
07:15	4CKK	1	07:16	4CKK	0	00:01
07:15	7JUY	1	07:17	7JUY	0	00:02
07:15	6SXC	1	07:19	6SXC	0	00:04
07:16	6UNM	2	07:16	6UNM	0	00:00
07:16	6XAT	1	07:17	6XAT	0	00:01
07:16	7WEF	1	07:17	7WEF	0	00:01
07:16	0HBX	2	07:17	0HBX	0	00:01
07:16	6AUL	1	07:18	6AUL	0	00:02

NDC for  
Arup



**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
07:17	4YWC	1	07:18	4YWC	0	00:01
07:18	1XBV	1	07:19	1XBV	0	00:01
07:19	3WZB	1	07:19	3WZB	0	00:00
07:19	1KDD	1	07:20	1KDD	0	00:01
07:19	2MJU	1	07:20	2MJU	0	00:01
07:19	6FEU	1	07:21	6FEU	0	00:02
07:20	2GZH	1	07:21	2GZH	0	00:01
07:20	2PNZ	1	07:21	2PNZ	0	00:01
07:21	5RAW	1	07:21	5RAW	0	00:00
07:21	5XCJ	1	07:21	5XCJ	0	00:00
07:21	6DCY	2	07:22	6DCY	0	00:01
07:21	6JYD	1	07:30	6JYD	1	00:09
07:22	3XCB	1	07:22	3XCB	0	00:00
07:22	0LJX	1	07:22	0LJX	0	00:00
07:22	0MUY	1	07:22	0MUY	0	00:00
07:22	1VZZ	1	07:23	1VZZ	0	00:01
07:22	4LVU	1	07:32	4LVU	1	00:10
07:23	60DG	1	07:23	60DG	0	00:00
07:23	4USN	1	07:24	4USN	0	00:01
07:23	6ZNP	1	07:24	6ZNP	0	00:01
07:23	4MTY	1	07:56	4MTY	0	00:33
07:24	0OPL	1	07:24	0OPL	0	00:00
07:24	7X0B	1	07:24	7X0B	0	00:00
07:26	7UH0	1	07:26	7UH0	0	00:00
07:26	3DSP	1	07:27	3DSP	0	00:01
07:27	1ZLK	1	07:27	1ZLK	0	00:00
07:27	9NDT	1	07:27	9NDT	0	00:00
07:27	1ZVO	1	07:28	1ZVO	0	00:01
07:27	0VUO	1	07:30	0VUO	0	00:03
07:28	5RUA	2	07:28	5RUA	0	00:00
07:29	5YJ0	1	07:29	5YJ0	0	00:00
07:29	4TKM	1	07:37	4TKM	1	00:08
07:29	9EKA	1	07:51	9EKA	0	00:22
07:29	2XBL	0	08:06	2XBL	1	00:37
07:30	2BYM	1	07:31	2BYM	0	00:01
07:30	8JJA	1	07:43	8JJA	0	00:13
07:31	7MGZ	2	07:32	7MGZ	0	00:01
07:31	2RBY	1	07:38	2RBY	0	00:07
07:32	4BVN	0	07:33	4BVN	1	00:01
07:32	2WKG	1	07:33	2WKG	0	00:01

NDC for  
Arup



**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
07:32	1YKY	1	07:42	1YKY	0	00:10
07:33	9HFZ	1	07:33	9HFZ	0	00:00
07:34	5SCR	1	07:34	5SCR	0	00:00
07:35	9VZT	1	07:35	9VZT	0	00:00
07:35	1HXW	1	07:36	1HXW	0	00:01
07:36	4TKM	0	07:36	4TKM	1	00:00
07:36	6BMV	1	07:37	6BMV	0	00:01
07:36	9JVX	1	07:37	9JVX	0	00:01
07:36	0UDU	1	07:37	0UDU	0	00:01
07:36	5NBJ	1	07:37	5NBJ	0	00:01
07:37	5NBJ	0	07:37	5NBJ	1	00:00
07:37	43BP	1	07:37	43BP	0	00:00
07:37	8GDB	1	07:38	8GDB	0	00:01
07:38	35TB	1	07:38	35TB	0	00:00
07:38	7HH0	1	07:38	7HH0	0	00:00
07:38	7BWU	1	07:39	7BWU	0	00:01
07:38	8LLR	1	07:39	8LLR	0	00:01
07:40	1JGU	1	07:40	1JGU	0	00:00
07:40	6RDV	1	07:40	6RDV	0	00:00
07:40	3CBX	1	07:50	3CBX	0	00:10
07:41	7NHB	1	07:42	7NHB	0	00:01
07:41	9LFO	1	08:04	9LFO	1	00:23
07:42	3TZ	1	07:42	3TZ	0	00:00
07:42	45JH	1	07:42	45JH	0	00:00
07:42	2XXY	2	07:42	2XXY	0	00:00
07:42	0DVP	3	07:43	0DVP	0	00:01
07:43	7BD0	1	07:43	7BD0	0	00:00
07:43	ZEJO	2	07:43	ZEJO	0	00:00
07:43	2XTN	1	07:44	2XTN	0	00:01
07:43	3EHD	1	07:44	3EHD	0	00:01
07:44	6GDE	0	07:44	6GDE	1	00:00
07:44	9EVN	0	07:44	9EVN	1	00:00
07:45	0ODL	1	07:46	0ODL	0	00:01
07:45	6CRU	1	07:46	6CRU	0	00:01
07:46	9FVV	1	07:46	9FVV	0	00:00
07:46	6UKC	1	07:47	6UKC	0	00:01
07:46	7ZPZ	1	07:48	7ZPZ	0	00:02
07:46	4XDA	1	08:03	4XDA	0	00:17
07:47	30BK	1	07:47	30BK	0	00:00
07:47	5EFV	1	07:50	5EFV	0	00:03

NDC for  
Arup



**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
07:47	6LAY	0	07:52	6LAY	1	00:05
07:48	65FZ	1	07:48	65FZ	0	00:00
07:49	0ODS	1	07:50	0ODS	0	00:01
07:49	4RYK	1	07:50	4RYK	0	00:01
07:49	1MMJ	1	07:51	1MMJ	0	00:02
07:50	7NGO	1	07:50	7NGO	0	00:00
07:50	0HVM	1	07:51	0HVM	0	00:01
07:50	4MOD	1	07:51	4MOD	0	00:01
07:51	Z0AV	1	07:51	Z0AV	0	00:00
07:52	0XET	1	07:52	0XET	0	00:00
07:52	0YZN	1	07:53	0YZN	0	00:01
07:52	8HJF	1	07:58	8HJF	0	00:06
07:53	4DRA	1	07:54	4DRA	0	00:01
07:54	9VMG	1	07:54	9VMG	0	00:00
07:54	1NCG	1	07:54	1NCG	0	00:00
07:54	2CKK	1	07:55	2CKK	0	00:01
07:55	50KD	1	07:55	50KD	0	00:00
07:55	0LJY	1	07:57	0LJY	0	00:02
07:55	4XYE	1	08:32	4XYE	0	00:37
07:56	6YLN	1	07:56	6YLN	0	00:00
07:56	1YCP	2	07:56	1YCP	2	00:00
07:56	7XUB	0	07:56	7XUB	1	00:00
07:57	26O7	2	07:57	26O7	0	00:00
07:57	92SS	0	07:57	92SS	1	00:00
07:57	6UGS	1	07:58	6UGS	0	00:01
07:58	1DVF	1	07:58	1DVF	0	00:00
07:58	9KWG	1	08:01	9KWG	0	00:03
07:58	4BCW	1	08:08	4BCW	0	00:10
07:59	4FSG	1	08:00	4FSG	0	00:01
08:00	5YJD	0	08:00	5YJD	1	00:00
08:00	2SFP	1	08:13	2SFP	0	00:13
08:02	8OOG	0	08:02	8OOG	2	00:00
08:03	9LGG	1	08:04	9LGG	0	00:01
08:03	1RLU	1	08:04	1RLU	0	00:01
08:04	0CMX	1	08:04	0CMX	0	00:00
08:04	2CVX	1	08:05	2CVX	0	00:01
08:04	7HWH	1	08:07	7HWH	0	00:03
08:06	3PWU	1	08:06	3PWU	0	00:00
08:06	7CYX	1	08:06	7CYX	0	00:00
08:07	4SFO	1	08:07	4SFO	0	00:00

NDC for  
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**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
08:08	5YRS	2	08:08	5YRS	0	00:00
08:08	0RKC	2	08:10	0RKC	1	00:02
08:09	7FRE	1	08:09	7FRE	0	00:00
08:11	502T	2	08:11	502T	0	00:00
08:11	6LFT	1	08:13	6LFT	0	00:02
08:13	80JW	2	08:13	80JW	0	00:00
08:13	1JJY	1	08:14	1JJY	0	00:01
08:13	6MCN	1	08:15	6MCN	0	00:02
08:13	2NVW	1	08:15	2NVW	0	00:02
08:13	2ZLN	1	08:19	2ZLN	0	00:06
08:14	5WNS	1	08:15	5WNS	0	00:01
08:14	7KJA	1	08:26	7KJA	0	00:12
08:15	4ZDM	1	08:23	4ZDM	0	00:08
08:17	4ZND	1	08:17	4ZND	0	00:00
08:17	50CO	1	08:17	50CO	0	00:00
08:17	5UYM	1	08:17	5UYM	0	00:00
08:17	4MJM	1	08:19	4MJM	0	00:02
08:17	5HUJ	2	08:23	5HUJ	0	00:06
08:19	6NUP	1	08:19	6NUP	0	00:00
08:19	8VCJ	1	08:19	8VCJ	0	00:00
08:19	3NJN	1	08:23	3NJN	0	00:04
08:19	8VRW	2	08:24	8VRW	0	00:05
08:19	7ZDJ	1	08:25	7ZDJ	0	00:06
08:19	1DHO	1	08:32	1DHO	0	00:13
08:19	3NOH	1	08:33	3NOH	0	00:14
08:24	0GTZ	1	08:24	0GTZ	0	00:00
08:24	5TCX	1	08:24	5TCX	0	00:00
08:24	6PWY	0	08:24	6PWY	2	00:00
08:24	9DPJ	1	08:25	9DPJ	0	00:01
08:26	8ZVY	1	08:26	8ZVY	0	00:00
08:27	6NUW	1	08:28	6NUW	0	00:01
08:27	3VBG	1	08:30	3VBG	0	00:03
08:30	6KBN	1	08:31	6KBN	0	00:01
08:30	3ZGP	1	08:32	3ZGP	0	00:02
08:30	6AJW	2	08:33	6AJW	0	00:03
08:33	80NL	1	08:33	80NL	0	00:00
08:33	0HVL	2	08:33	0HVL	0	00:00
08:33	9HMA	2	08:33	9HMA	0	00:00
08:33	2EHB	1	08:34	2EHB	1	00:01
08:33	5EBW	1	08:39	5EBW	0	00:06

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**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
08:36	3STB	0	08:36	3STB	2	00:00
08:38	4HRA	1	08:38	4HRA	0	00:00
08:38	8YLC	1	08:38	8YLC	0	00:00
08:38	5LVT	1	08:41	5LVT	0	00:03
08:39	6ZGF	1	08:39	6ZGF	0	00:00
08:39	7VWE	0	08:39	7VWE	1	00:00
08:39	1RLU	0	08:39	1RLU	1	00:00
08:39	5EXC	1	09:04	5EXC	0	00:25
08:40	9ZGN	1	08:40	9ZGN	0	00:00
08:40	1WOC	1	08:54	1WOC	0	00:14
08:41	1RLU	0	08:41	1RLU	1	00:00
08:42	2BGE	2	08:43	2BGE	0	00:01
08:42	2VUD	2	08:43	2VUD	0	00:01
08:43	5PBZ	1	08:43	5PBZ	0	00:00
08:45	7ROX	2	08:45	7ROX	0	00:00
08:45	4PXE	1	08:46	4PXE	0	00:01
08:47	31HS	0	08:47	31HS	1	00:00
08:47	8JWW	1	09:02	8JWW	0	00:15
08:50	6ONJ	1	09:00	6ONJ	0	00:10
08:51	1DGY	2	08:51	1DGY	0	00:00
08:53	2MJB	1	08:53	2MJB	0	00:00
08:56	1FRZ	1	09:00	1FRZ	0	00:04
08:56	2XFT	1	09:05	2XFT	0	00:09
08:56	2EVX	0	09:13	2EVX	1	00:17
08:57	2NXO	0	08:57	2NXO	1	00:00
08:57	4CUU	0	08:57	4CUU	1	00:00
08:57	1XVD	2	08:58	1XVD	0	00:01
08:57	0NKS	2	09:22	0NKS	0	00:25
08:59	2DZH	1	08:59	2DZH	0	00:00
08:59	6KSV	1	08:59	6KSV	0	00:00
08:59	8VSV	1	08:59	8VSV	0	00:00
08:59	3DOJ	0	08:59	3DOJ	1	00:00
08:59	1TYU	1	09:03	1TYU	1	00:04
08:59	4GAU	1	09:10	4GAU	0	00:11
09:02	3PCZ	0	09:02	3PCZ	1	00:00
09:02	4JRV	1	09:03	4JRV	0	00:01
09:02	5HYF	1	09:03	5HYF	0	00:01
09:02	9YNN	1	09:03	9YNN	0	00:01
09:02	5UZZ	2	09:04	5UZZ	0	00:02
09:02	3FXG	0	09:07	3FXG	1	00:05

NDC for  
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**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
09:02	5SWN	1	09:35	5SWN	2	00:33
09:02	1XGN	1	09:40	1XGN	1	00:38
09:04	2DBU	0	09:04	2DBU	1	00:00
09:05	0LPC	0	09:17	0LPC	1	00:12
09:10	4LLJ	0	09:27	4LLJ	1	00:17
09:11	0WKU	1	09:15	0WKU	0	00:04
09:12	2OAV	0	09:12	2OAV	1	00:00
09:13	6SUA	0	09:16	6SUA	1	00:03
09:14	9DXU	0	09:16	9DXU	1	00:02
09:15	4RVO	1	09:15	4RVO	0	00:00
09:17	5WCR	2	09:19	5WCR	0	00:02
09:17	6SOG	1	09:40	6SOG	0	00:23
09:22	7LXF	1	09:23	7LXF	0	00:01
09:22	7MLU	2	09:23	7MLU	0	00:01
09:22	1EOS	1	09:27	1EOS	0	00:05
09:22	8CTW	1	09:33	8CTW	0	00:11
09:24	8FSV	1	09:24	8FSV	1	00:00
09:24	9EHC	1	09:25	9EHC	0	00:01
09:24	2BFU	2	09:30	2BFU	1	00:06
09:24	5HYC	2	09:32	5HYC	1	00:08
09:25	4XRK	2	09:25	4XRK	0	00:00
09:25	4AVL	2	09:27	4AVL	1	00:02
09:27	6KZZ	1	09:27	6KZZ	0	00:00
09:28	2PYH	1	09:29	2PYH	0	00:01
09:28	2LWZ	1	09:30	2LWZ	0	00:02
09:28	6BHO	2	09:58	6BHO	0	00:30
09:30	3WDF	1	09:30	3WDF	0	00:00
09:30	2607	0	09:30	2607	1	00:00
09:30	4WEF	1	09:32	4WEF	0	00:02
09:30	7DKU	1	09:40	7DKU	0	00:10
09:31	9XBN	1	09:31	9XBN	0	00:00
09:33	2OBY	1	09:33	2OBY	0	00:00
09:33	0DTY	3	09:33	0DTY	0	00:00
09:33	3AZX	1	09:35	3AZX	1	00:02
09:36	4RXK	1	09:36	4RXK	0	00:00
09:36	5HHU	1	09:37	5HHU	0	00:01
09:36	9AWR	1	09:37	9AWR	0	00:01
09:38	7JLO	1	09:38	7JLO	0	00:00
09:38	4YHO	2	09:45	4YHO	2	00:07
09:39	6NLK	1	09:40	6NLK	0	00:01

NDC for  
Arup





**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
09:39	5FTV	1	10:25	5FTV	1	00:46
09:40	9ZXN	0	09:41	9ZXN	1	00:01
09:42	7JKO	1	09:52	7JKO	0	00:10
09:43	4VUX	1	09:45	4VUX	0	00:02
09:44	2XFT	1	09:44	2XFT	0	00:00
09:44	6LNW	1	09:45	6LNW	1	00:01
09:44	3MXB	1	09:45	3MXB	0	00:01
09:44	6VLS	0	10:30	6VLS	2	00:46
09:45	1WNM	1	09:45	1WNM	0	00:00
09:45	0UDU	0	09:45	0UDU	1	00:00
09:45	2OBY	1	09:45	5JCX	0	00:00
09:45	6ERC	1	09:47	6ERC	0	00:02
09:45	7UGS	1	09:47	7UGS	0	00:02
09:45	9DUY	2	10:15	9DUY	0	00:30
09:46	6JYC	1	09:47	6JYC	0	00:01
09:46	4JNS	1	09:48	4JNS	0	00:02
09:46	7RDS	1	09:50	7RDS	0	00:04
09:48	8UFH	2	09:50	8UFH	0	00:02
09:48	1XLV	1	09:53	1XLV	0	00:05
09:48	3FHN	1	10:07	3FHN	0	00:19
09:50	6560	0	09:50	6560	1	00:00
09:50	7ZNB	1	09:51	7ZNB	0	00:01
09:50	9WNJ	1	09:52	9WNJ	0	00:02
09:50	1LHD	1	10:17	1LHD	0	00:27
09:51	3JBC	1	09:52	3JBC	0	00:01
09:53	4DGU	1	09:53	4DGU	0	00:00
09:53	7JTU	1	09:57	0	0	00:04
09:56	6VTE	1	09:57	6VTE	0	00:01
09:56	UBP5	1	10:00	UBP5	0	00:04
09:57	2LWZ	1	10:00	0	0	00:03
09:57	4YLM	1	10:02	4YLM	0	00:05
09:59	6GZM	1	10:01	6GZM	0	00:02
10:00	3VBV	1	10:03	3VBV	0	00:03
10:01	5XGO	2	10:03	5XGO	0	00:02
10:02	5VX5	1	10:02	5VX5	0	00:00
10:02	1AAJ	1	10:04	1AAJ	0	00:02
10:02	1VAC	1	10:05	1VAC	0	00:03
10:02	1VVU	1	10:17	1VVU	1	00:15
10:03	2MVK	1	10:07	0	0	00:04
10:03	3VBV	1	10:13	0	0	00:10

NDC for  
Arup



**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
10:05	7ULS	1	10:08	7ULS	1	00:03
10:05	3YHS	1	10:45	0	0	00:40
10:06	9DFS	1	10:09	9DFS	0	00:03
10:06	9EUX	1	10:11	9EUX	0	00:05
10:06	ZDXF	1	10:11	0	0	00:05
10:06	6YRJ	1	10:17	6YRJ	0	00:11
10:07	5WFP	2	10:11	5WFP	1	00:04
10:07	7WGF	2	10:11	7WGF	0	00:04
10:07	9GCF	1	10:20	9GCF	0	00:13
10:08	1AZO	1	10:16	1AZO	0	00:08
10:08	ZYDS	1	10:17	0	0	00:09
10:09	0OEK	1	10:17	0OEK	0	00:08
10:09	7WGF	1	10:22	0	0	00:13
10:09	9PNK	0	10:24	9PNK	1	00:15
10:10	3SDD	1	10:34	3SDD	0	00:24
10:11	4YUW	0	10:11	4YUW	1	00:00
10:11	2TFJ	1	10:20	2TFJ	0	00:09
10:12	9PNK	0	10:21	0	1	00:09
10:12	6DYW	1	10:28	0	0	00:16
10:13	4AVW	1	10:35	4AVW	1	00:22
10:13	0GDY	1	10:40	0	0	00:27
10:14	2RBY	0	10:14	2RBY	1	00:00
10:14	9MJV	1	10:24	9MJV	0	00:10
10:15	0LMY	2	10:26	0LMY	0	00:11
10:15	8EXM	1	10:28	8EXM	0	00:13
10:16	1LTZ	2	10:30	1LTZ	1	00:14
10:17	6FHE	1	10:26	6FHE	2	00:09
10:19	1NEC	1	10:26	1NEC	2	00:07
10:19	1PAM	1	11:03	1PAM	0	00:44
10:20	2CSM	1	10:28	2CSM	1	00:08
10:21	5LKL	1	10:32	5LKL	0	00:11
10:21	9KTJ	0	10:34	9KTJ	2	00:13
10:22	8YLC	0	10:22	8YLC	1	00:00
10:22	7ZDX	1	10:42	0	0	00:20
10:23	7DGU	1	10:33	7DGU	0	00:10
10:23	6YBP	1	10:38	6YBP	1	00:15
10:24	9FSD	1	10:35	9FSD	1	00:11
10:25	6AUU	0	10:37	6AUU	1	00:12
10:25	0SVG	1	10:40	0SVG	0	00:15
10:26	0ZTH	1	10:39	0ZTH	1	00:13

NDC for  
Arup



**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
10:26	0CZN	1	10:39	0CZN	0	00:13
10:26	5HLL	2	10:40	5HLL	0	00:14
10:27	5CPX	1	10:41	5CPX	0	00:14
10:28	1VOR	1	11:18	0	0	00:50
10:29	2VOH	1	10:53	2VOH	0	00:24
10:31	8KFA	3	10:50	8KFA	0	00:19
10:31	4PAB	1	10:59	4PAB	1	00:28
10:32	7CDV	1	10:43	7CDV	1	00:11
10:32	6ZDS	1	10:45	6ZDS	1	00:13
10:33	7CDV	1	10:47	0	0	00:14
10:34	8CTW	0	10:34	8CTW	1	00:00
10:35	7CDV	1	10:48	0	0	00:13
10:35	1YTF	1	10:55	1YTF	1	00:20
10:36	10CJ	1	10:53	0	0	00:17
10:37	3VCC	1	10:52	3VCC	1	00:15
10:37	8OME	1	11:08	8OME	0	00:31
10:38	8HDA	1	11:13	8HDA	0	00:35
10:38	6VKM	1	11:17	6VKM	0	00:39
10:39	2EPY	1	10:56	2EPY	1	00:17
10:40	7FAA	1	10:40	7FAA	0	00:00
10:40	2LBO	0	10:57	2LBO	1	00:17
10:40	4UJS	1	10:57	4UJS	0	00:17
10:41	3EVP	1	10:53	3EVP	0	00:12
10:41	8UDM	1	11:05	8UDM	2	00:24
10:42	6YHR	1	11:00	6YHR	3	00:18
10:42	2DHF	1	11:15	2DHF	0	00:33
10:43	50DA	1	10:43	50DA	0	00:00
10:43	2BDU	0	10:43	2BDU	1	00:00
10:43	5DWP	1	11:01	5DWP	0	00:18
10:44	6GMX	1	11:03	6GMX	0	00:19
10:45	8UDM	0	11:08	2VKC	1	00:23
10:47	7GZN	1	10:47	7GZN	0	00:00
10:47	2VKC	1	11:21	7GZN	1	00:34
10:49	4XED	1	10:49	4XED	0	00:00
10:49	5SWN	1	10:49	5SWN	0	00:00
10:50	34KD	1	10:50	34KD	0	00:00
10:52	6EFN	1	11:06	6EFN	0	00:14
10:52	4BFP	3	11:07	4BFP	1	00:15
10:52	0PZC	1	11:20	0PZC	0	00:28
10:53	6BNL	1	10:53	6BNL	0	00:00

NDC for  
Arup



**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
10:53	7SSO	1	11:20	7SSO	1	00:27
10:54	0YXN	1	11:14	0YXN	0	00:20
10:55	3PPK	1	11:09	3PPK	0	00:14
10:55	9UMR	1	11:34	9UMR	1	00:39
10:56	5HYT	1	11:10	5HYT	0	00:14
10:57	30GC	1	10:57	30GC	0	00:00
10:57	0WJX	1	11:12	0WJX	0	00:15
10:57	4XCC	2	11:12	0	0	00:15
10:59	6OGV	1	11:13	6OGV	0	00:14
11:00	7NYC	1	11:13	7NYC	0	00:13
11:01	7BXZ	1	11:13	7BXZ	0	00:12
11:01	9VRW	1	11:14	9VRW	0	00:13
11:02	335H	1	11:13	335H	0	00:11
11:04	7DPV	1	11:23	7DPV	0	00:19
11:04	4JMG	1	11:41	4JMG	0	00:37
11:04	9PML	0	12:09	9PML	1	01:05
11:05	5HHU	0	11:05	5HHU	1	00:00
11:05	3RPJ	1	11:14	3RPJ	0	00:09
11:05	5VCD	1	11:15	5VCD	0	00:10
11:05	1CSB	1	11:18	1CSB	1	00:13
11:07	1XGN	1	11:17	0	0	00:10
11:07	5EVS	0	11:18	5EVS	1	00:11
11:07	9BXZ	1	11:26	9BXZ	0	00:19
11:07	4NUK	2	11:30	0	0	00:23
11:09	2UJW	2	11:20	2UJW	1	00:11
11:09	3REG	1	11:20	3REG	0	00:11
11:10	6TOH	1	11:21	6TOH	1	00:11
11:10	5UED	1	11:23	0	0	00:13
11:10	4HHF	1	11:37	4HHF	0	00:27
11:11	8DPC	2	11:11	8DPC	0	00:00
11:11	6DCY	0	11:11	6DCY	1	00:00
11:11	1GWU	1	11:23	1GWU	0	00:12
11:12	3REG	0	11:12	3REG	1	00:00
11:12	4NGJ	1	11:24	4NGJ	0	00:12
11:12	6WYP	1	11:24	6WYP	0	00:12
11:12	9CEV	1	11:26	9CEV	0	00:14
11:12	9MYR	1	12:03	9MYR	0	00:51
11:12	7WPA	1	11:12	7WPA	0	00:00
11:13	4ORP	1	11:13	4ORP	0	00:00
11:13	1FFW	1	11:29	1FFW	2	00:16

NDC for  
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**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
11:14	9CEV	1	11:14	9CEV	0	00:00
11:14	8SGT	0	11:14	8SGT	1	00:00
11:14	1VAR	1	11:29	1VAR	0	00:15
11:15	8THN	1	11:31	8THN	0	00:16
11:15	3DAN	1	11:36	3DAN	0	00:21
11:15	4ORP	1	11:40	4ORP	3	00:25
11:16	2ZHU	1	11:31	2ZHU	0	00:15
11:16	5HKK	0	11:33	5HKK	1	00:17
11:16	6FVU	4	11:39	6FVU	1	00:23
11:17	5HKK	0	11:17	5HKK	1	00:00
11:18	9HNY	1	11:33	9HNY	0	00:15
11:19	6JOA	1	11:33	6JOA	0	00:14
11:19	7UWJ	1	11:37	7UWJ	2	00:18
11:21	6JOA	0	11:21	6JOA	1	00:00
11:22	6RVT	1	11:35	6RVT	0	00:13
11:22	9XKZ	2	11:38	9XKZ	0	00:16
11:22	6UDW	1	11:55	6UDW	0	00:33
11:23	0VST	2	12:05	0VST	3	00:42
11:24	4NFL	1	11:44	4NFL	0	00:20
11:24	0DFG	1	11:53	0DFG	0	00:29
11:25	3DDU	0	11:41	3DDU	1	00:16
11:25	4XXZ	1	11:42	4XXZ	0	00:17
11:27	2YRJ	1	11:27	2YRJ	0	00:00
11:27	8HVS	0	11:27	8HVS	1	00:00
11:27	2OUV	0	11:59	2OUV	2	00:32
11:28	6GNV	0	11:28	6GNV	1	00:00
11:28	5ZDL	1	11:41	5ZDL	0	00:13
11:28	6JPY	1	11:41	6JPY	0	00:13
11:28	5FZY	1	11:42	5FZY	0	00:14
11:29	4GVC	1	11:41	4GVC	0	00:12
11:29	5VSK	0	11:42	5VSK	1	00:13
11:29	9COV	1	11:43	9COV	0	00:14
11:31	9COV	1	11:31	9COV	0	00:00
11:31	7GOE	0	11:45	7GOE	1	00:14
11:31	7YVC	1	11:47	7YVC	1	00:16
11:32	6XRH	1	11:47	6XRH	0	00:15
11:32	1YAY	0	12:00	1YAY	1	00:28
11:33	8UTO	0	11:33	8UTO	1	00:00
11:33	9WKL	1	11:50	9WKL	0	00:17
11:34	3RHA	2	11:46	3RHA	2	00:12

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**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
11:35	5EWW	0	11:35	5EWW	1	00:00
11:35	4JMV	0	11:46	4JMV	2	00:11
11:35	2AMO	1	11:49	2AMO	0	00:14
11:35	9OZA	0	11:55	9OZA	1	00:20
11:36	3RHA	0	11:36	3RHA	1	00:00
11:37	1WFH	1	11:50	1WFH	0	00:13
11:37	2KVV	2	11:51	2KVV	0	00:14
11:38	9TXR	1	11:49	9TXR	0	00:11
11:38	9TAD	1	12:00	9TAD	0	00:22
11:40	7ULS	0	11:40	7ULS	1	00:00
11:40	7CFY	0	11:40	7CFY	1	00:00
11:40	OSKD	1	11:51	OSKD	0	00:11
11:40	2DZR	1	11:52	2DZR	2	00:12
11:40	5AVC	1	11:53	5AVC	0	00:13
11:40	7WAN	1	11:53	7WAN	0	00:13
11:41	4LAR	0	11:41	4LAR	1	00:00
11:41	1VJX	1	11:51	1VJX	0	00:10
11:41	5MKX	1	12:23	5MKX	0	00:42
11:42	9TXR	1	11:42	9TXR	0	00:00
11:42	2DZR	2	11:42	2DZR	0	00:00
11:42	3CRF	0	11:42	3CRF	1	00:00
11:42	6ZGC	2	11:59	6ZGC	1	00:17
11:44	0VRY	1	11:44	0VRY	0	00:00
11:44	9FOS	1	11:44	9FOS	0	00:00
11:44	0CZN	0	11:44	0CZN	1	00:00
11:44	5SJU	1	11:57	5SJU	0	00:13
11:44	8FEK	1	11:59	8FEK	0	00:15
11:44	3VRL	1	12:22	3VRL	0	00:38
11:45	1ONH	0	11:45	1ONH	1	00:00
11:45	4AKG	1	11:58	4AKG	1	00:13
11:45	3VDG	2	11:58	3VDG	0	00:13
11:45	9AKV	1	11:59	9AKV	0	00:14
11:47	2ULM	0	11:47	2ULM	1	00:00
11:48	7CDV	0	11:48	7CDV	1	00:00
11:48	3VDG	0	11:48	3VDG	1	00:00
11:48	9AWP	1	11:59	9AWP	1	00:11
11:48	1ONH	1	12:01	1ONH	0	00:13
11:49	5ZDO	1	11:49	5ZDO	0	00:00
11:49	2CVP	0	11:49	2CVP	1	00:00
11:49	3VDG	0	11:49	3VDG	1	00:00

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**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
11:49	5RRB	1	11:59	5RRB	0	00:10
11:50	1ZXW	1	12:00	1ZXW	1	00:10
11:50	2XUF	1	12:02	2XUF	0	00:12
11:51	9AKV	0	11:51	9AKV	1	00:00
11:51	2CVF	1	12:04	2CVF	0	00:13
11:51	5NZC	1	12:06	5NZC	0	00:15
11:52	3REG	0	11:52	3REG	3	00:00
11:52	9JNO	0	11:52	9JNO	1	00:00
11:52	2FBW	1	11:59	2FBW	0	00:07
11:52	9KCE	1	12:03	9KCE	0	00:11
11:52	2ALO	1	12:04	2ALO	0	00:12
11:52	5HWX	1	12:04	5HWX	0	00:12
11:53	LLOP	1	11:53	LLOP	0	00:00
11:53	2CVF	0	11:53	2CVF	1	00:00
11:53	9KCE	0	11:53	9KCE	1	00:00
11:54	8VHO	0	11:54	8VHO	2	00:00
11:54	2SLU	0	12:09	2SLU	1	00:15
11:55	8FEV	1	12:05	8FEV	0	00:10
11:55	8LNT	0	12:18	8LNT	2	00:23
11:56	0TUH	2	12:05	0TUH	1	00:09
11:56	6WXN	1	12:24	6WXN	0	00:28
11:57	4BFP	0	11:57	4BFP	1	00:00
11:57	2YDS	0	12:06	2YDS	1	00:09
11:57	4ZPH	1	12:07	4ZPH	0	00:10
11:57	8TUW	1	12:09	8TUW	0	00:12
11:58	0TUH	0	11:58	0TUH	1	00:00
11:58	8FEV	0	11:58	8FEV	1	00:00
11:58	9AKV	0	11:58	9AKV	1	00:00
11:58	1ZSV	1	12:12	1ZSV	0	00:14
11:58	2EHT	1	12:15	2EHT	0	00:17
11:58	2CFZ	1	12:15	2CFZ	0	00:17
11:58	7CEB	1	12:31	7CEB	0	00:33
11:58	2ZTW	1	11:59	2ZTW	0	00:01
12:00	1ZSV	0	12:00	1ZSV	1	00:00
12:00	9AKV	0	12:00	9AKV	1	00:00
12:00	1UCW	1	12:17	1UCW	2	00:17
12:00	8VLZ	0	12:18	8VLZ	1	00:18
12:01	2VCR	1	12:01	2VCR	0	00:00
12:01	8FEV	6	12:01	8FEV	0	00:00
12:01	8FEK	0	12:01	8FEK	1	00:00

NDC for  
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**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
12:01	1YRK	0	12:17	1YRK	3	00:16
12:01	3OGR	0	12:20	3OGR	1	00:19
12:01	9EAC	1	12:20	9EAC	0	00:19
12:02	6UDW	0	12:02	6UDW	1	00:00
12:02	3REG	0	12:02	3REG	3	00:00
12:02	3RHA	0	12:02	3RHA	3	00:00
12:02	9AKV	0	12:02	9AKV	1	00:00
12:02	4TXX	1	12:23	4TXX	2	00:21
12:02	9LAP	0	12:24	9LAP	2	00:22
12:02	2ZPW	1	12:25	2ZPW	0	00:23
12:03	0ZTH	0	12:03	0ZTH	1	00:00
12:03	1ZSV	0	12:03	1ZSV	1	00:00
12:03	9FCL	0	12:03	9FCL	1	00:00
12:03	5OKR	1	12:27	5OKR	0	00:24
12:04	8FEK	0	12:04	8FEK	1	00:00
12:04	9EAC	0	12:04	9EAC	1	00:00
12:04	8XLT	1	12:34	8XLT	0	00:30
12:05	0BEO	1	12:36	0BEO	2	00:31
12:05	5UNE	1	12:53	5UNE	0	00:48
12:06	7CDV	0	12:06	7CDV	1	00:00
12:06	4EMO	0	12:06	4EMO	1	00:00
12:06	3KGG	0	12:41	3KGG	1	00:35
12:06	6VRR	1	12:46	6VRR	0	00:40
12:11	7HAZ	0	12:29	7HAZ	1	00:18
12:12	0FXL	1	12:12	0FXL	0	00:00
12:12	3TXT	3	12:29	3TXT	0	00:17
12:14	9ROG	1	12:31	9ROG	0	00:17
12:14	0FXT	1	12:35	0FXT	0	00:21
12:14	2TWY	1	12:41	2TWY	1	00:27
12:15	5JGT	0	12:15	5JGT	1	00:00
12:15	4LVA	0	12:47	4LVA	1	00:32
12:16	2LON	1	12:31	2LON	0	00:15
12:16	4WLN	1	12:57	4WLN	0	00:41
12:19	2UUY	1	12:35	2UUY	1	00:16
12:19	3KVB	1	12:38	3KVB	0	00:19
12:20	8HVC	0	12:20	8HVC	1	00:00
12:21	9OLL	0	12:21	9OLL	1	00:00
12:22	3DZA	2	13:00	3DZA	1	00:38
12:23	62WS	1	12:23	62WS	0	00:00
12:23	4HFR	1	12:37	4HFR	0	00:14

NDC for  
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**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
12:23	6KFC	0	12:52	6KFC	1	00:29
12:23	8NSU	0	13:07	8NSU	1	00:44
12:25	3YFC	2	12:49	3YFC	3	00:24
12:25	7TPS	0	13:12	7TPS	1	00:47
12:26	20KK	1	12:26	20KK	0	00:00
12:26	7WZK	0	12:26	7WZK	1	00:00
12:26	0FPA	1	12:44	0FPA	0	00:18
12:26	7UEP	0	12:45	7UEP	1	00:19
12:27	3TRW	1	13:25	3TRW	2	00:58
12:28	2MLN	0	12:44	2MLN	1	00:16
12:28	6CFZ	0	12:50	6CFZ	1	00:22
12:29	4DST	0	12:29	4DST	1	00:00
12:29	8SUU	1	12:45	8SUU	0	00:16
12:30	2XLD	0	12:45	2XLD	2	00:15
12:30	9LCU	0	12:45	9LCU	2	00:15
12:30	4AAV	1	12:46	4AAV	4	00:16
12:30	1JUY	0	12:46	1JUY	1	00:16
12:34	2TGS	1	12:47	2TGS	0	00:13
12:34	4PBV	1	12:49	4PBV	0	00:15
12:34	8CYH	1	13:09	8CYH	0	00:35
12:36	4FBF	2	12:50	4FBF	1	00:14
12:36	1MJU	1	12:54	1MJU	0	00:18
12:37	3YFX	1	12:51	3YFX	4	00:14
12:37	8EAC	1	12:52	8EAC	1	00:15
12:37	0ODM	1	12:52	0ODM	0	00:15
12:37	7SZY	1	12:52	7SZY	0	00:15
12:39	10HX	1	12:39	10HX	0	00:00
12:40	2XNU	0	12:53	2XNU	1	00:13
12:41	3DVF	0	12:41	3DVF	1	00:00
12:41	1CVL	0	12:41	1CVL	1	00:00
12:42	7ULS	0	12:42	7ULS	1	00:00
12:42	2MTX	0	12:56	2MTX	3	00:14
12:43	6RSO	0	12:43	6RSO	1	00:00
12:43	1RHU	1	12:55	1RHU	0	00:12
12:43	4VFS	1	12:56	4VFS	0	00:13
12:43	2UYB	0	12:57	2UYB	1	00:14
12:44	0OVP	1	12:44	0OVP	0	00:00
12:44	7ULS	1	12:44	7ULS	0	00:00
12:44	5MFZ	0	12:55	5MFZ	3	00:11
12:44	8ZWP	0	12:56	8ZWP	3	00:12

NDC for  
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**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
12:45	6RSO	0	12:45	6RSO	1	00:00
12:45	0OMZ	1	12:57	0OMZ	0	00:12
12:45	1KJO	1	12:58	1KJO	0	00:13
12:45	3BEE	2	12:59	3BEE	1	00:14
12:45	3JXX	1	13:00	3JXX	0	00:15
12:46	7ULS	1	12:46	7ULS	0	00:00
12:46	7HWH	0	12:46	7HWH	1	00:00
12:46	7KTJ	4	13:02	7KTJ	3	00:16
12:47	3JXX	0	12:47	3JXX	1	00:00
12:48	1JZD	1	12:48	1JZD	0	00:00
12:48	1NUA	3	12:48	1NUA	0	00:00
12:48	3HLY	1	13:03	3HLY	0	00:15
12:48	5MYD	0	13:03	5MYD	1	00:15
12:48	8KAB	1	13:11	8KAB	0	00:23
12:48	9SUY	2	13:14	9SUY	1	00:26
12:51	9LLW	0	12:51	9LLW	1	00:00
12:51	2NHK	1	13:08	2NHK	0	00:17
12:51	8CCA	0	13:10	8CCA	1	00:19
12:51	0YBR	2	13:17	0YBR	0	00:26
12:51	3YOJ	1	13:21	3YOJ	0	00:30
12:52	6GDO	1	12:52	6GDO	0	00:00
12:52	27DS	0	12:52	27DS	1	00:00
12:52	8DUH	1	13:18	8DUH	0	00:26
12:53	60TR	1	12:53	60TR	0	00:00
12:53	8EYW	0	12:53	8EYW	1	00:00
12:53	6KRF	1	13:10	6KRF	0	00:17
12:54	6AOM	0	12:54	6AOM	1	00:00
12:54	3TZA	1	13:11	3TZA	0	00:17
12:54	4KSV	0	13:14	4KSV	1	00:20
12:55	8KAB	0	12:55	8KAB	1	00:00
12:55	7KAV	0	13:14	7KAV	1	00:19
12:55	6LZH	1	13:42	6LZH	0	00:47
12:56	7RBO	2	12:56	7RBO	0	00:00
12:56	4XCT	0	13:16	4XCT	1	00:20
12:56	0ZFG	1	13:17	0ZFG	0	00:21
12:56	7KVL	1	13:19	7KVL	0	00:23
12:56	2VBP	1	13:51	0	0	00:55
12:57	9FC1	0	12:57	9FC1	1	00:00
12:58	2HNY	4	12:58	2HNY	0	00:00
12:58	4EMD	0	12:58	4EMD	2	00:00

NDC for  
Arup



**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
12:58	2FVC	2	13:27	2FVC	2	00:29
12:59	2GFC	1	12:59	2GFC	0	00:00
13:00	0HBV	1	13:00	0HBV	0	00:00
13:00	2GYW	1	13:00	2GYW	0	00:00
13:00	1DZG	0	13:00	1DZG	1	00:00
13:00	6XGE	1	13:19	6XGE	1	00:19
13:01	DFXL	0	13:01	DFXL	1	00:00
13:01	0VFY	0	13:01	0VFY	2	00:00
13:01	5XOA	1	13:19	5XOA	0	00:18
13:01	7NNW	1	13:21	7NNW	0	00:20
13:02	1YKE	2	13:02	1YKE	0	00:00
13:02	DTUH	0	13:02	DTUH	1	00:00
13:02	9DBF	1	13:42	9DBF	1	00:40
13:04	6XOB	2	13:20	6XOB	0	00:16
13:05	8FEV	1	13:05	8FEV	0	00:00
13:05	5HKK	0	13:05	5HKK	1	00:00
13:05	4XEY	1	13:21	4XEY	0	00:16
13:06	8KAD	1	13:06	8KAD	0	00:00
13:06	9EAC	0	13:06	9EAC	1	00:00
13:06	9MVX	1	13:22	9MVX	1	00:16
13:07	5TJU	1	13:07	5TJU	0	00:00
13:07	9TXR	0	13:07	9TXR	1	00:00
13:07	5TJU	1	13:35	5TJU	0	00:28
13:08	4USN	1	13:08	4USN	0	00:00
13:08	0JWL	2	13:08	0JWL	0	00:00
13:08	9ZHZ	1	13:23	9ZHZ	0	00:15
13:09	7NJ0	1	13:09	7NJ0	0	00:00
13:09	7FTY	1	13:13	7FTY	0	00:04
13:09	6GVY	1	13:24	6GVY	1	00:15
13:09	6ZGV	0	13:24	6ZGV	2	00:15
13:10	6VNP	1	13:10	6VNP	0	00:00
13:10	5ZDD	0	13:10	5ZDD	2	00:00
13:10	2MXO	0	13:10	2MXO	1	00:00
13:10	0HVB	1	13:39	0HVB	0	00:29
13:11	9OLL	0	13:11	9OLL	2	00:00
13:12	4XTZ	1	13:12	4XTZ	0	00:00
13:12	2VVP	0	13:12	2VVP	1	00:00
13:12	4AEM	1	13:26	4AEM	2	00:14
13:13	8ZDF	1	13:13	8ZDF	0	00:00
13:13	6XSL	1	13:26	6XSL	0	00:13

NDC for  
Arup



**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
13:13	4UBK	0	13:27	4UBK	1	00:14
13:14	8JYJ	1	13:30	8JYJ	0	00:16
13:14	6FLM	1	13:34	6FLM	1	00:20
13:15	0CZN	1	13:15	0CZN	0	00:00
13:15	3AWG	1	13:15	3AWG	0	00:00
13:15	9UGM	1	13:30	9UGM	0	00:15
13:16	30KN	0	13:16	30KN	1	00:00
13:17	4FHC	1	13:17	4FHC	0	00:00
13:17	4EHH	1	13:33	4EHH	0	00:16
13:17	0HFR	1	14:02	0HFR	0	00:45
13:18	4XSN	1	13:32	4XSN	0	00:14
13:18	6ARY	1	13:40	6ARY	0	00:22
13:19	0KEU	0	13:32	0KEU	2	00:13
13:19	8WGD	1	13:33	8WGD	0	00:14
13:19	1CFL	1	13:39	1CFL	0	00:20
13:20	4AEM	1	13:20	4AEM	0	00:00
13:20	8FSV	1	13:20	8FSV	0	00:00
13:20	4SDT	0	13:20	4SDT	2	00:00
13:20	9ZHZ	0	13:20	9ZHZ	1	00:00
13:20	0TNU	1	13:35	0TNU	2	00:15
13:21	4WEF	0	13:21	4WEF	1	00:00
13:21	7DXR	2	13:34	7DXR	3	00:13
13:21	2ZDR	1	13:48	2ZDR	0	00:27
13:22	3ORT	1	13:22	3ORT	0	00:00
13:22	7GSO	1	13:22	7GSO	0	00:00
13:22	0VUO	0	13:22	0VUO	1	00:00
13:22	2YUT	1	13:37	2YUT	0	00:15
13:23	6LWS	0	13:23	6LWS	1	00:00
13:24	2UYB	1	13:24	2UYB	0	00:00
13:24	1JZX	0	13:24	1JZX	1	00:00
13:24	3BWO	1	13:37	3BWO	1	00:13
13:24	9VVP	2	13:38	9VVP	0	00:14
13:24	9SSJ	1	13:40	9SSJ	0	00:16
13:25	8YDD	1	13:42	8YDD	2	00:17
13:25	9KOH	0	13:43	9KOH	2	00:18
13:26	1ZZJ	1	13:43	1ZZJ	0	00:17
13:26	5KTA	1	14:05	5KTA	0	00:39
13:27	6LWV	1	14:24	6LWV	0	00:57
13:29	0WHL	1	13:29	0WHL	0	00:00
13:29	2VRF	1	13:45	2VRF	3	00:16

NDC for  
Arup



**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
13:29	2NUE	1	13:47	2NUE	0	00:18
13:30	30DU	1	13:30	30DU	0	00:00
13:30	1WUA	0	13:30	1WUA	3	00:00
13:30	3LKO	0	13:30	3LKO	1	00:00
13:30	9HVM	0	13:46	9HVM	1	00:16
13:31	1FLE	1	13:46	1FLE	0	00:15
13:31	5PNF	1	13:46	5PNF	0	00:15
13:31	6RFX	3	13:47	6RFX	0	00:16
13:31	7THG	3	13:50	7THG	2	00:19
13:31	6YLF	1	13:52	6YLF	0	00:21
13:32	3LKO	1	13:32	3LKO	0	00:00
13:32	JENP	1	13:32	JENP	0	00:00
13:32	3UDU	1	13:50	3UDU	0	00:18
13:32	5YDL	1	14:11	5YDL	0	00:39
13:33	5PNF	0	13:33	5PNF	1	00:00
13:33	6KKJ	1	13:51	6KKJ	0	00:18
13:33	4WVV	1	13:52	4WVV	0	00:19
13:34	1FLE	0	13:34	1FLE	1	00:00
13:35	3UDU	0	13:35	3UDU	1	00:00
13:35	3NBL	1	13:52	3NBL	0	00:17
13:36	3BWO	1	13:36	3BWO	0	00:00
13:36	7RBD	0	13:36	7RBD	2	00:00
13:36	3WWL	1	13:52	3WWL	0	00:16
13:37	1NEC	2	13:37	1NEC	0	00:00
13:37	2HWY	0	13:37	2HWY	3	00:00
13:37	5YDL	0	13:37	5YDL	1	00:00
13:38	2KEZ	1	13:55	2KEZ	0	00:17
13:38	9GNR	1	13:56	9GNR	0	00:18
13:39	40PC	2	13:39	40PC	0	00:00
13:39	3BCJ	1	13:57	3BCJ	0	00:18
13:39	0VVL	1	14:20	0VVL	0	00:41
13:40	ZLAC	0	13:40	ZLAC	1	00:00
13:40	3VYF	0	14:01	3VYF	1	00:21
13:41	7MGZ	0	13:41	7MGZ	1	00:00
13:41	7VCP	1	14:00	7VCP	0	00:19
13:41	0TWM	1	14:11	0TWM	0	00:30
13:42	7MUO	1	13:42	7MUO	0	00:00
13:42	3CWY	1	14:01	3CWY	2	00:19
13:42	1VGV	0	14:08	1VGV	1	00:26
13:43	5161	1	13:43	5161	0	00:00

NDC for  
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**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
13:43	8FEV	0	13:43	8FEV	1	00:00
13:43	8TUW	0	13:43	8TUW	1	00:00
13:43	2GFG	0	13:43	2GFG	1	00:00
13:43	2JUY	1	14:03	2JUY	0	00:20
13:44	8HNZ	1	14:15	8HNZ	0	00:31
13:45	2GWN	0	13:45	2GWN	1	00:00
13:45	DJWL	0	13:45	DJWL	1	00:00
13:45	3BCJ	0	13:45	3BCJ	1	00:00
13:45	9JUF	1	14:03	9JUF	0	00:18
13:46	7EY5	1	13:46	7EY5	0	00:00
13:46	2OEK	1	14:02	2OEK	0	00:16
13:47	2OEK	0	13:47	2OEK	1	00:00
13:47	8HNZ	0	13:47	8HNZ	1	00:00
13:47	3GMY	1	14:06	3GMY	0	00:19
13:48	4GZY	1	14:05	4GZY	1	00:17
13:48	9KKY	1	14:07	9KKY	0	00:19
13:49	4NLL	1	14:29	4NLL	0	00:40
13:50	2EKV	0	13:50	2EKV	1	00:00
13:50	5UCR	1	14:08	5UCR	0	00:18
13:51	2LHJ	3	13:51	2LHJ	0	00:00
13:51	8PPS	0	13:51	8PPS	1	00:00
13:51	2XYE	1	14:09	2XYE	1	00:18
13:51	9CKA	1	14:09	9CKA	0	00:18
13:52	9EAC	0	13:52	9EAC	1	00:00
13:52	2KEZ	0	13:52	2KEZ	1	00:00
13:52	3ZTH	1	14:10	3ZTH	0	00:18
13:53	2MVR	0	14:35	2MVR	1	00:42
13:54	3ZTH	0	13:54	3ZTH	1	00:00
13:55	7LKP	1	14:26	7LKP	1	00:31
13:56	2EVK	3	14:12	2EVK	4	00:16
13:56	6FOF	1	14:16	6FOF	0	00:20
14:00	2RNK	0	14:17	2RNK	1	00:17
14:00	0GEY	1	14:17	0GEY	0	00:17
14:00	5YHN	1	14:18	5YHN	0	00:18
14:00	2VDA	1	14:19	2VDA	0	00:19
14:00	2NCO	1	14:20	2NCO	0	00:20
14:01	3HRK	1	14:18	3HRK	0	00:17
14:01	5EOL	1	14:25	5EOL	1	00:24
14:01	9RSY	3	15:06	9RSY	0	01:05
14:02	4FHG	0	14:02	4FHG	1	00:00

NDC for  
Arup



**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
14:03	6771	3	14:03	6771	0	00:00
14:03	0XFU	0	14:03	0XFU	1	00:00
14:05	3ZTH	0	14:05	3ZTH	1	00:00
14:05	2YSV	1	14:23	2YSV	0	00:18
14:05	3AYC	0	14:26	3AYC	3	00:21
14:06	4NSU	1	14:29	4NSU	0	00:23
14:07	7GSD	0	14:07	7GSD	1	00:00
14:07	0EZA	1	14:22	0EZA	0	00:15
14:07	1CGU	1	14:24	1CGU	3	00:17
14:08	7JUY	0	14:08	7JUY	1	00:00
14:08	2LFE	1	14:25	2LFE	0	00:17
14:08	6GUA	1	14:30	6GUA	0	00:22
14:09	7LBV	1	14:29	7LBV	3	00:20
14:10	8TZK	0	14:10	8TZK	3	00:00
14:10	4GED	0	14:31	4GED	1	00:21
14:11	9UZH	1	14:33	9UZH	0	00:22
14:12	3MYX	0	14:34	3MYX	1	00:22
14:12	2DVL	0	14:57	2DVL	1	00:45
14:13	0YRE	2	14:34	0YRE	0	00:21
14:13	1UDK	1	14:35	1UDK	0	00:22
14:16	3YCY	0	14:34	3YCY	2	00:18
14:16	1RZD	1	14:35	1RZD	0	00:19
14:16	5CEA	1	14:38	5CEA	0	00:22
14:16	9KKH	0	15:02	9KKH	1	00:46
14:17	3AUM	1	14:35	3AUM	0	00:18
14:17	7SNN	1	14:45	7SNN	1	00:28
14:17	3SOC	0	14:49	3SOC	1	00:32
14:19	3AUK	0	14:19	3AUK	1	00:00
14:19	2UXY	1	14:53	2UXY	0	00:34
14:20	LVNP	0	14:20	LVNP	3	00:00
14:20	1GHG	1	14:47	1GHG	0	00:27
14:22	2HLH	1	14:40	2HLH	0	00:18
14:22	6EKJ	0	14:45	6EKJ	1	00:23
14:23	0ONH	0	14:23	0ONH	1	00:00
14:23	5VRU	0	14:23	5VRU	1	00:00
14:23	5VRU	1	14:43	5VRU	0	00:20
14:24	3LKD	0	14:24	3LKD	1	00:00
14:25	1ZSV	0	14:25	1ZSV	1	00:00
14:25	5OFR	0	14:25	5OFR	3	00:00
14:25	4NUC	0	14:25	4NUC	1	00:00

NDC for  
Arup



**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
14:25	1ZZJ	1	14:43	0	0	00:18
14:25	7YZK	1	14:44	7YZK	0	00:19
14:27	2FOF	1	14:44	2FOF	0	00:17
14:28	2AHH	1	14:44	2AHH	0	00:16
14:30	7JDF	1	14:46	7JDF	0	00:16
14:31	1RVP	0	14:31	1RVP	1	00:00
14:31	2FLW	1	14:47	2FLW	0	00:16
14:31	2KJK	1	14:50	2KJK	0	00:19
14:32	911V	1	14:54	911V	0	00:22
14:32	3FCE	0	14:56	3FCE	1	00:24
14:33	4TUP	1	14:53	4TUP	0	00:20
14:33	1HHK	1	15:39	1HHK	0	01:06
14:33	5379	1	15:43	5379	0	01:10
14:34	5HXS	0	14:57	5HXS	1	00:23
14:35	911V	0	14:35	911V	1	00:00
14:36	7HWH	0	14:36	7HWH	1	00:00
14:36	6KNM	1	14:54	6KNM	0	00:18
14:36	4LWM	3	15:04	4LWM	4	00:28
14:37	3VBV	1	14:37	3VBV	0	00:00
14:37	6UOA	0	14:57	6UOA	2	00:20
14:37	0OWD	1	15:08	0OWD	0	00:31
14:38	2XMU	0	14:38	2XMU	1	00:00
14:38	9UUC	1	14:56	9UUC	0	00:18
14:38	5UOJ	1	14:57	5UOJ	0	00:19
14:39	7HWH	0	14:39	7HWH	1	00:00
14:39	7VPT	0	14:39	7VPT	1	00:00
14:39	4KWW	1	14:58	7VPT	0	00:19
14:39	8WWU	1	15:10	8WWU	0	00:31
14:40	5MFZ	0	14:40	5MFZ	2	00:00
14:41	7VPT	0	14:41	7VPT	1	00:00
14:41	911V	0	14:41	911V	1	00:00
14:41	3CXU	0	14:58	3CXU	1	00:17
14:42	6CZK	1	15:03	6CZK	0	00:21
14:42	6VOA	1	15:07	6VOA	0	00:25
14:42	0FKB	0	15:09	0FKB	1	00:27
14:43	7VEV	1	15:06	7VEV	0	00:23
14:43	0XBB	1	15:14	0XBB	0	00:31
14:45	5XZH	1	15:07	5XZH	3	00:22
14:46	8KAB	0	14:46	8KAB	2	00:00
14:46	1LHP	0	15:15	1LHP	1	00:29

NDC for  
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**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
14:47	7VPT	0	14:47	7VPT	1	00:00
14:49	1LHD	0	14:49	1LHD	1	00:00
14:49	7ELT	0	14:49	7ELT	1	00:00
14:49	8XOV	0	15:22	8XOV	2	00:33
14:50	0AFY	0	15:17	0AFY	1	00:27
14:50	8UFC	0	15:22	8UFC	1	00:32
14:52	4UHA	2	14:52	4UHA	0	00:00
14:52	3TZA	0	14:52	3TZA	2	00:00
14:52	4VKX	0	14:52	4VKX	1	00:00
14:52	7VPT	0	14:52	7VPT	1	00:00
14:52	6UZD	1	15:18	6UZD	0	00:26
14:52	6YOR	1	15:18	6YOR	0	00:26
14:52	7GRZ	1	15:19	7GRZ	0	00:27
14:52	0VSX	0	15:21	0VSX	1	00:29
14:53	3OKN	0	14:53	3OKN	4	00:00
14:54	7VPT	0	14:54	7VPT	1	00:00
14:54	9EFK	1	15:26	9EFK	0	00:32
14:54	7HXX	1	15:31	7HXX	0	00:37
14:54	2ATZ	1	15:42	2ATZ	0	00:48
14:55	4AEM	0	14:55	4AEM	1	00:00
14:55	2GUD	0	14:55	2GUD	1	00:00
14:55	0HWC	0	15:24	0HWC	2	00:29
14:55	8EBZ	1	15:39	8EBZ	1	00:44
14:56	FLE	0	14:56	FLE	1	00:00
14:56	8POB	1	15:28	8POB	0	00:32
14:57	9UPC	0	14:57	9UPC	1	00:00
14:57	1RSO	1	15:27	1RSO	0	00:30
14:57	0NNU	1	15:52	0NNU	0	00:55
14:58	1UFU	1	14:58	1UFU	0	00:00
14:58	3BWD	0	14:58	3BWD	3	00:00
14:59	1ENP	0	14:59	1ENP	2	00:00
14:59	7FWC	1	16:02	7FWC	4	01:03
15:02	4RGS	0	15:02	4RGS	1	00:00
15:02	1XEC	1	15:31	1XEC	0	00:29
15:02	4HWC	1	15:31	4HWC	0	00:29
15:04	1KMA	1	15:39	1KMA	1	00:35
15:06	8AOV	1	15:32	8AOV	0	00:26
15:06	4UMA	1	15:32	4UMA	0	00:26
15:07	0MYT	0	15:07	0MYT	1	00:00
15:07	1UDT	0	15:07	1UDT	1	00:00

NDC for  
Arup



**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
15:07	4UMA	0	15:07	4UMA	1	00:00
15:07	9YXC	1	15:32	9YXC	0	00:25
15:11	7UPT	0	15:11	7UPT	1	00:00
15:12	5PNF	1	15:12	5PNF	0	00:00
15:12	4EHH	0	15:12	4EHH	1	00:00
15:13	5CEN	0	15:13	5CEN	1	00:00
15:13	9CNU	0	15:35	9CNU	1	00:22
15:15	47WR	1	15:15	47WR	0	00:00
15:15	7GRZ	0	15:15	7GRZ	1	00:00
15:16	2LAC	0	15:16	2LAC	3	00:00
15:16	7LKN	0	15:16	7LKN	1	00:00
15:17	4WYX	0	15:51	4WYX	1	00:34
15:17	9NCZ	1	16:02	9NCZ	1	00:45
15:17	7BVK	1	16:26	7BVK	0	01:09
15:18	8DLY	0	15:38	8DLY	2	00:20
15:18	7UYY	1	15:39	7UYY	1	00:21
15:19	1BKY	1	15:38	1BKY	0	00:19
15:20	1DCU	1	15:43	1DCU	2	00:23
15:21	4YFX	1	15:42	4YFX	0	00:21
15:22	6AUU	1	15:22	6AUU	0	00:00
15:22	8NHK	1	15:22	8NHK	0	00:00
15:22	7VPT	0	15:22	7VPT	1	00:00
15:22	5HYL	0	15:41	5HYL	1	00:19
15:23	1FON	0	15:23	1FON	1	00:00
15:23	1ZKU	1	16:04	1ZKU	2	00:41
15:25	2FFL	1	15:45	2FFL	0	00:20
15:25	V33N	1	15:48	V33N	0	00:23
15:27	9NZJ	1	15:46	9NZJ	0	00:19
15:27	6DVN	0	15:51	6DVN	2	00:24
15:29	5TYO	1	15:29	5TYO	0	00:00
15:29	6UZD	0	15:29	6UZD	1	00:00
15:29	9EAV	1	15:46	9EAV	0	00:17
15:29	2VZL	3	16:07	2VZL	0	00:38
15:29	8NHM	1	16:17	8NHM	0	00:48
15:31	5OFR	0	15:31	5OFR	2	00:00
15:32	0SLZ	0	15:32	0SLZ	1	00:00
15:32	9NKA	1	15:48	9NKA	0	00:16
15:32	9DJE	1	15:49	9DJE	0	00:17
15:32	9WYO	1	15:49	9WYO	0	00:17
15:32	5HAK	0	16:04	5HAK	1	00:32

NDC for  
Arup



**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
15:33	9RMA	0	15:41	9RMA	1	00:08
15:35	8DYO	1	15:35	8DYO	0	00:00
15:35	2BZE	0	15:35	2BZE	2	00:00
15:35	9FUB	1	15:52	9FUB	0	00:17
15:36	4GDM	1	15:49	4GDM	0	00:13
15:36	5GTM	1	15:51	5GTM	0	00:15
15:36	9FBN	1	15:51	9FBN	0	00:15
15:36	9HHA	1	15:56	9HHA	0	00:20
15:37	0BVX	1	15:54	0BVX	0	00:17
15:38	8EKE	1	15:54	8EKE	0	00:16
15:38	1UUG	1	15:54	1UUG	0	00:16
15:39	0BVX	0	15:39	0BVX	1	00:00
15:40	2BPZ	1	16:10	2BPZ	0	00:30
15:40	4KTT	1	16:13	4KTT	0	00:33
15:41	7EWW	1	15:56	7EWW	1	00:15
15:43	3KCP	0	15:43	3KCP	1	00:00
15:43	2KEZ	0	15:43	2KEZ	1	00:00
15:43	9XOE	0	15:43	9XOE	1	00:00
15:44	3DVO	0	15:44	3DVO	1	00:00
15:44	8HHL	0	15:58	8HHL	2	00:14
15:44	2KTG	1	16:01	2KTG	1	00:17
15:45	5VNW	3	15:45	5VNW	0	00:00
15:45	6711	0	15:45	6711	1	00:00
15:45	1PXC	1	15:45	1PXC	0	00:00
15:45	0V1C	0	15:58	0V1C	1	00:13
15:45	3ZWG	1	16:13	3ZWG	0	00:28
15:46	5YDL	0	15:46	5YDL	1	00:00
15:46	8ZXL	1	16:01	8ZXL	0	00:15
15:46	2DND	1	16:02	2DND	3	00:16
15:46	6KKL	0	16:36	6KKL	1	00:50
15:47	4FVN	0	15:47	4FVN	1	00:00
15:47	9WDN	1	16:14	9WDN	0	00:27
15:47	1XYC	1	16:23	1XYC	0	00:36
15:48	4AVW	0	15:48	4AVW	1	00:00
15:48	80NT	0	15:48	80NT	1	00:00
15:48	0AUA	1	16:04	0AUA	0	00:16
15:48	6VUA	0	16:14	6VUA	1	00:26
15:48	1MWV	2	16:16	1MWV	0	00:28
15:50	CMWN	0	15:50	CMWN	1	00:00
15:50	2FFL	0	15:50	2FFL	1	00:00

NDC for  
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**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
15:50	70YK	0	15:50	70YK	1	00:00
15:50	9EVM	1	16:08	9EVM	0	00:18
15:51	2XEH	0	16:19	2XEH	1	00:28
15:52	7CYE	0	15:52	7CYE	1	00:00
15:52	2HKC	1	16:29	2HKC	0	00:37
15:53	8FJF	1	16:09	8FJF	0	00:16
15:53	9NFX	1	16:32	9NFX	0	00:39
15:54	6LNW	1	15:54	6LNW	0	00:00
15:54	0BJF	0	15:54	0BJF	1	00:00
15:54	1LNT	1	16:09	1LNT	2	00:15
15:56	3NSZ	1	16:12	3NSZ	1	00:16
15:56	0PSX	0	16:12	0PSX	1	00:16
15:56	7WHL	1	16:13	7WHL	0	00:17
15:56	3VGK	1	16:14	3VGK	0	00:18
15:57	0DXU	0	16:11	0DXU	2	00:14
15:57	1ZNH	1	16:17	1ZNH	0	00:20
15:57	5BHE	0	16:47	5BHE	1	00:50
15:59	6P0G	1	15:59	6P0G	0	00:00
15:59	3BCJ	0	15:59	3BCJ	1	00:00
15:59	2OEK	0	15:59	2OEK	1	00:00
15:59	0OHN	0	15:59	0OHN	1	00:00
15:59	4NUF	0	15:59	4NUF	4	00:00
15:59	4KGS	1	16:17	4KGS	0	00:18
15:59	9TBP	0	16:21	9TBP	1	00:22
16:00	1SZC	0	16:00	1SZC	1	00:00
16:00	1RLU	0	16:00	1RLU	1	00:00
16:00	7UCL	1	16:20	7UCL	1	00:20
16:00	4KAJ	1	16:23	4KAJ	1	00:23
16:00	8YLO	1	16:26	8YLO	0	00:26
16:01	7VGX	0	16:25	7VGX	2	00:24
16:01	0OMJ	1	16:29	0OMJ	0	00:28
16:03	1ZSV	0	16:03	1ZSV	1	00:00
16:03	8YLO	0	16:03	8YLO	1	00:00
16:03	2EEB	0	16:42	2EEB	1	00:39
16:04	2HHL	0	16:27	2HHL	1	00:23
16:04	3NYX	1	16:29	3NYX	0	00:25
16:04	7XCA	0	16:32	7XCA	1	00:28
16:06	1Y00	0	16:06	1Y00	1	00:00
16:06	0OWA	1	16:29	0OWA	0	00:23
16:06	3MPU	1	16:30	3MPU	0	00:24

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**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
16:07	9XVP	0	16:43	9XVP	1	00:36
16:07	4FRC	1	16:08	4FRC	1	00:01
16:09	6EOT	0	16:09	6EOT	1	00:00
16:09	9GSV	0	16:47	9GSV	1	00:38
16:10	1REW	1	16:34	1REW	0	00:24
16:10	2DGX	1	16:34	2DGX	0	00:24
16:10	9LRA	1	16:49	9LRA	1	00:39
16:10	5KCY	0	16:50	5KCY	1	00:40
16:11	3GCV	1	16:35	3GCV	0	00:24
16:14	3GCV	0	16:14	3GCV	1	00:00
16:14	3KGG	0	16:14	3KGG	1	00:00
16:15	8HNZ	0	16:15	8HNZ	1	00:00
16:15	2DZR	0	16:15	2DZR	2	00:00
16:15	3OHV	0	16:15	3OHV	1	00:00
16:15	4YMT	1	16:36	4YMT	0	00:21
16:16	6GYW	0	16:48	6GYW	1	00:32
16:16	6XPJ	0	16:53	6XPJ	1	00:37
16:17	1WOC	0	16:17	1WOC	2	00:00
16:17	1CTF	1	16:53	1CTF	0	00:36
16:17	2EBA	0	17:22	2EBA	4	01:05
16:18	3OVJ	0	16:18	3OVJ	1	00:00
16:18	6TYU	0	16:45	6TYU	1	00:27
16:19	50NN	1	16:19	50NN	0	00:00
16:19	1WOC	0	16:19	1WOC	1	00:00
16:22	6BDE	1	16:38	6BDE	0	00:16
16:23	4JMV	2	16:23	4JMV	0	00:00
16:23	4ZWR	0	16:23	4ZWR	1	00:00
16:23	5TAR	1	16:40	5TAR	0	00:17
16:24	4RNP	1	17:02	4RNP	0	00:38
16:25	5UYM	1	16:25	5UYM	0	00:00
16:26	7ELJ	0	16:26	7ELJ	1	00:00
16:26	0LLF	0	16:39	0LLF	3	00:13
16:26	1VWR	1	16:40	1VWR	1	00:14
16:27	0HTJ	1	16:39	0HTJ	0	00:12
16:27	2UDP	1	16:40	2UDP	1	00:13
16:28	3TZA	2	16:28	3TZA	0	00:00
16:29	3168	1	16:40	3168	0	00:11
16:29	4YOH	0	16:41	4YOH	2	00:12
16:29	0EUK	0	17:10	0EUK	1	00:41
16:30	70AD	1	16:30	70AD	0	00:00

NDC for  
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**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
16:30	1JVJ	0	16:42	1JVJ	1	00:12
16:32	2DVT	0	16:43	2DVT	2	00:11
16:33	9TKV	0	16:33	9TKV	1	00:00
16:33	7MVN	1	16:43	7MVN	2	00:10
16:33	9EAM	1	16:55	9EAM	0	00:22
16:34	OSKD	0	16:34	OSKD	1	00:00
16:34	1ZWM	0	16:43	1ZWM	1	00:09
16:34	9JHF	1	16:47	9JHF	0	00:13
16:34	5TZZ	0	16:49	5TZZ	1	00:15
16:35	6SLZ	0	16:35	6SLZ	1	00:00
16:35	5TKV	0	16:35	5TKV	1	00:00
16:35	7MVN	0	16:35	7MVN	1	00:00
16:35	4YVE	0	16:46	4YVE	1	00:11
16:35	1XBK	1	16:47	1XBK	1	00:12
16:35	6CDN	0	16:49	6CDN	3	00:14
16:35	6EXR	0	16:50	6EXR	1	00:15
16:36	4DAT	0	16:50	4DAT	1	00:14
16:37	8WUY	0	16:53	8WUY	1	00:16
16:37	5FUL	0	17:13	5FUL	1	00:36
16:38	4WRK	1	16:38	4WRK	0	00:00
16:38	7AEH	4	16:38	7AEH	0	00:00
16:39	4TUP	0	16:39	4TUP	1	00:00
16:39	3AWK	1	16:54	3AWK	0	00:15
16:39	7RVX	0	16:59	7RVX	1	00:20
16:39	5PBX	0	16:59	5PBX	1	00:20
16:39	7FFW	1	17:07	7FFW	1	00:28
16:39	9SMU	0	17:12	9SMU	1	00:33
16:39	4EDP	5	17:13	4EDP	2	00:34
16:40	9XDE	0	16:40	9XDE	2	00:00
16:40	6WGK	0	16:40	6WGK	1	00:00
16:40	4JBE	0	17:00	4JBE	1	00:20
16:40	8KGP	0	17:09	8KGP	1	00:29
16:41	9FSD	2	16:41	9FSD	0	00:00
16:41	5VRU	0	16:41	5VRU	1	00:00
16:41	5UHR	3	17:06	5UHR	2	00:25
16:41	9UKJ	0	17:06	9UKJ	1	00:25
16:42	4YKX	0	16:42	4YKX	1	00:00
16:42	2CVK	1	17:04	2CVK	0	00:22
16:42	5HPJ	0	17:07	5HPJ	1	00:25
16:42	1ULB	0	17:09	1ULB	1	00:27

NDC for  
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**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
16:42	6XHB	0	17:20	6XHB	1	00:38
16:43	10NO	0	16:43	10NO	1	00:00
16:43	6EWR	0	17:40	6EWR	1	00:57
16:44	1SRD	0	17:11	1SRD	3	00:27
16:44	4KVF	1	17:12	4KVF	0	00:28
16:46	6XHB	0	16:46	6XHB	1	00:00
16:46	8AJK	1	17:10	8AJK	1	00:24
16:46	9UMD	1	17:20	9UMD	0	00:34
16:47	30EX	0	16:47	30EX	1	00:00
16:47	4TXH	0	16:47	4TXH	1	00:00
16:48	1UOT	0	16:48	1UOT	1	00:00
16:49	8KAB	0	16:49	8KAB	2	00:00
16:49	5YFT	1	17:12	5YFT	2	00:23
16:49	5VCF	0	17:12	5VCF	1	00:23
16:50	ZXNU	1	16:50	ZXNU	0	00:00
16:50	5AVX	0	17:13	5AVX	1	00:23
16:50	5XCC	1	17:33	5XCC	2	00:43
16:51	9AKV	0	16:51	9AKV	1	00:00
16:52	5VCF	0	16:52	5VCF	1	00:00
16:52	8FVC	4	17:22	8FVC	2	00:30
16:53	5TAR	0	16:53	5TAR	1	00:00
16:53	5HRE	0	17:12	5HRE	1	00:19
16:54	8FVC	2	16:54	8FVC	0	00:00
16:55	4ECJ	1	16:55	4ECJ	3	00:00
16:55	2YBN	2	17:13	2YBN	0	00:18
16:57	34XX	0	16:57	34XX	1	00:00
16:58	9YNK	0	17:14	9YNK	1	00:16
16:59	8FEV	0	16:59	8FEV	1	00:00
16:59	8BDH	0	17:16	8BDH	1	00:17
16:59	7VZU	0	17:30	7VZU	1	00:31
17:00	7CYE	0	17:01	7CYE	1	00:01
17:02	1URC	0	17:16	1URC	3	00:14
17:03	2CPN	0	17:03	2CPN	2	00:00
17:03	7AYJ	0	17:19	7AYJ	2	00:16
17:03	8JOA	0	17:19	8JOA	3	00:16
17:04	911V	0	17:04	911V	1	00:00
17:04	2TAY	0	17:41	2TAY	1	00:37
17:05	2TAY	0	17:05	2TAY	1	00:00
17:05	1YGR	0	17:22	1YGR	1	00:17
17:06	6DKD	0	17:21	6DKD	1	00:15

NDC for  
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**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
17:07	80NT	1	17:07	80NT	0	00:00
17:07	5LLK	0	17:07	5LLK	1	00:00
17:08	5CGU	0	17:28	5CGU	1	00:20
17:09	8UVB	0	17:09	8UVB	1	00:00
17:09	1VUS	0	17:24	1VUS	1	00:15
17:09	9YOC	0	17:24	9YOC	1	00:15
17:09	8OTC	1	17:25	8OTC	1	00:16
17:09	9SYH	0	17:26	9SYH	1	00:17
17:10	8YLC	0	17:10	8YLC	1	00:00
17:10	6ZYO	0	17:30	6ZYO	1	00:20
17:10	2OCU	0	17:31	2OCU	1	00:21
17:10	3TCX	2	17:20	3TCX	1	00:10
17:11	2ZHL	0	18:04	2ZHL	1	00:53
17:12	2RKO	0	17:29	2RKO	1	00:17
17:12	8OJW	0	17:29	8OJW	1	00:17
17:12	7JUX	0	17:32	7JUX	1	00:20
17:13	2KJK	1	17:13	2KJK	0	00:00
17:13	1LTZ	3	17:13	1LTZ	0	00:00
17:13	7OYK	0	17:13	7OYK	2	00:00
17:13	5XEE	0	17:29	5XEE	1	00:16
17:14	7JUX	0	17:14	7JUX	1	00:00
17:14	7LYD	0	17:32	7LYD	1	00:18
17:15	5XEE	0	17:15	5XEE	1	00:00
17:15	1NUF	0	17:32	1NUF	1	00:17
17:15	2LYX	0	17:33	2LYX	1	00:18
17:16	1NLG	0	17:32	1NLG	1	00:16
17:16	1VOM	1	17:51	1VOM	0	00:35
17:17	8NSU	1	17:17	8NSU	0	00:00
17:17	2LYX	0	17:17	2LYX	1	00:00
17:17	7RFS	1	17:36	7RFS	1	00:19
17:18	1KYS	0	17:34	1KYS	1	00:16
17:18	5TFO	0	17:37	5TFO	1	00:19
17:19	7RFS	1	17:19	7RFS	0	00:00
17:20	0BGK	1	17:20	0BGK	0	00:00
17:20	2WKO	1	17:34	2WKO	0	00:14
17:20	5ONN	0	17:25	5ONN	1	00:05
17:21	20AV	0	17:21	20AV	1	00:00
17:21	7MGZ	0	17:21	7MGZ	1	00:00
17:21	1UHZ	0	17:45	1UHZ	1	00:24
17:23	1BKY	0	17:23	1BKY	1	00:00

NDC for  
Arup





**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
17:23	6XDT	0	17:36	6XDT	1	00:13
17:24	7VPT	0	17:24	7VPT	1	00:00
17:24	6UDW	0	17:24	6UDW	1	00:00
17:24	0YVE	0	17:35	0YVE	1	00:11
17:24	9ZYF	0	17:37	9ZYF	1	00:13
17:24	2NZG	2	17:39	2NZG	3	00:15
17:26	6KWF	1	17:42	6KWF	2	00:16
17:26	7KYZ	0	17:43	7KYZ	1	00:17
17:26	0PVV	0	17:53	0PVV	1	00:27
17:27	3HDU	0	17:27	3HDU	1	00:00
17:28	2JVA	1	17:28	2JVA	0	00:00
17:28	6EDT	0	17:28	6EDT	1	00:00
17:28	9CEJ	0	17:42	9CEJ	1	00:14
17:28	2VJM	0	17:43	2VJM	3	00:15
17:28	1WTT	0	18:11	1WTT	1	00:43
17:29	1HBB	0	17:42	1HBB	1	00:13
17:30	6FEU	0	17:30	6FEU	1	00:00
17:30	5HTD	1	18:12	5HTD	0	00:42
17:31	2HWE	1	17:43	2HWE	0	00:12
17:31	4BFL	4	17:45	4BFL	0	00:14
17:31	6UWP	0	17:48	6UWP	1	00:17
17:31	3FJE	0	18:38	3FJE	1	01:07
17:32	5TFO	1	17:32	5TFO	0	00:00
17:32	4HNL	1	17:48	4HNL	1	00:16
17:33	9OFO	1	17:48	9OFO	0	00:15
17:33	6MFJ	1	17:52	6MFJ	1	00:19
17:33	8LAM	1	18:14	8LAM	0	00:41
17:33	1GBX	1	18:22	1GBX	1	00:49
17:34	1FHU	0	17:34	1FHU	1	00:00
17:34	6AFA	0	17:49	6AFA	1	00:15
17:35	7CWP	1	17:35	7CWP	0	00:00
17:35	2EHD	0	17:35	2EHD	1	00:00
17:35	7DXT	0	17:57	7DXT	1	00:22
17:36	7DXT	1	17:36	7DXT	0	00:00
17:36	2NWX	1	17:50	2NWX	0	00:14
17:36	2WWV	0	17:50	2WWV	1	00:14
17:36	6JFD	0	17:51	6JFD	1	00:15
17:36	8EXC	0	17:53	8EXC	1	00:17
17:38	6KFC	1	17:38	6KFC	0	00:00
17:38	7WEF	1	17:38	7WEF	0	00:00

NDC for  
Arup



**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
17:38	0CPY	0	17:38	0CPY	1	00:00
17:38	4PXE	0	17:38	4PXE	1	00:00
17:38	1YDO	0	17:38	1YDO	1	00:00
17:38	0CPY	0	17:38	0CPY	1	00:00
17:38	2WWV	0	17:38	2WWV	1	00:00
17:39	3REG	1	17:39	3REG	0	00:00
17:40	4UMA	0	17:40	4UMA	1	00:00
17:40	9PSK	2	17:40	9PSK	0	00:00
17:40	4RDV	2	17:52	4RDV	0	00:12
17:41	2WWV	2	17:41	2WWV	0	00:00
17:41	2ARY	0	17:55	2ARY	1	00:14
17:41	2LOA	0	17:55	2LOA	1	00:14
17:42	7CYE	0	17:42	7CYE	1	00:00
17:42	0UDU	2	17:42	0UDU	0	00:00
17:42	8DKY	1	17:53	8DKY	0	00:11
17:42	1HDC	0	17:53	1HDC	1	00:11
17:42	9YPH	1	17:54	9YPH	0	00:12
17:42	9NOJ	0	17:54	9NOJ	1	00:12
17:42	1DHC	0	17:56	1DHC	2	00:14
17:44	0SZW	2	17:44	0SZW	0	00:00
17:44	2ARY	2	17:44	2ARY	0	00:00
17:44	2LOA	2	17:44	2LOA	0	00:00
17:44	4985	0	17:58	4985	1	00:14
17:45	3OHV	0	17:45	3OHV	1	00:00
17:45	8NJX	0	17:57	8NJX	1	00:12
17:45	1CAA	1	18:17	1CAA	1	00:32
17:46	009X	2	17:46	009X	0	00:00
17:46	1YEE	2	17:46	1YEE	0	00:00
17:46	0YRU	0	17:56	0YRU	2	00:10
17:46	0YRU	0	17:59	0YRU	1	00:13
17:46	1OFD	1	18:00	1OFD	2	00:14
17:47	4TUP	0	17:47	4TUP	2	00:00
17:47	8YLD	0	17:47	8YLD	2	00:00
17:47	2NPJ	2	18:00	2NPJ	1	00:13
17:47	5KBJ	1	18:01	5KBJ	0	00:14
17:48	2ARY	2	17:48	2ARY	0	00:00
17:49	7OAD	0	17:49	7OAD	3	00:00
17:49	0YRU	2	17:49	0YRU	0	00:00
17:49	2ARY	2	17:49	2ARY	0	00:00
17:49	60ZF	2	17:49	60ZF	0	00:00

NDC for  
Arup



**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
17:49	2MTY	0	18:01	2MTY	1	00:12
17:49	8JHY	1	18:02	8JHY	1	00:13
17:49	9JNN	0	18:17	9JNN	1	00:28
17:50	0CFZ	1	17:50	0CFZ	0	00:00
17:50	7FFO	2	17:50	7FFO	0	00:00
17:50	7OGV	0	18:04	7OGV	1	00:14
17:51	7WHL	0	17:51	7WHL	1	00:00
17:51	0YRU	2	17:51	0YRU	0	00:00
17:51	2JOD	1	18:02	2JOD	0	00:11
17:51	7SKS	2	18:04	7SKS	1	00:13
17:51	2WUB	2	18:06	2WUB	2	00:15
17:52	0YRU	2	17:52	0YRU	0	00:00
17:53	2WUB	2	18:05	0	0	00:12
17:53	1VWK	0	18:05	1VWK	1	00:12
17:53	2YAO	0	18:07	2YAO	1	00:14
17:53	3ZTL	0	18:08	3ZTL	1	00:15
17:53	5ZLV	0	18:08	5ZLV	1	00:15
17:53	9UXS	0	18:09	9UXS	1	00:16
17:53	4CKN	0	18:09	4CKN	1	00:16
17:53	9BTU	0	18:10	9BTU	1	00:17
17:54	4CKN	2	17:54	4CKN	0	00:00
17:54	6HMX	1	18:10	6HMX	0	00:16
17:54	1CUB	0	18:19	1CUB	1	00:25
17:55	0TKV	0	17:55	0TKV	1	00:00
17:55	1VWK	2	17:55	1VWK	0	00:00
17:55	2YAO	2	17:55	2YAO	0	00:00
17:55	9UXS	2	17:55	9UXS	0	00:00
17:56	3HBE	3	17:56	3HBE	0	00:00
17:56	3GCV	0	17:56	3GCV	1	00:00
17:56	5EMS	2	17:56	5EMS	0	00:00
17:56	5UXD	0	18:10	5UXD	1	00:14
17:56	6YLZ	0	18:28	6YLZ	1	00:32
17:57	0UAH	0	18:13	0UAH	1	00:16
17:57	7DAJ	2	18:14	7DAJ	0	00:17
17:58	5UXD	2	17:58	5UXD	0	00:00
17:58	8NXZ	1	18:17	8NXZ	0	00:19
17:58	5ENH	1	18:20	5ENH	1	00:22
17:59	4TNO	1	17:59	4TNO	0	00:00
17:59	8BNX	1	17:59	8BNX	0	00:00
17:59	6HNP	0	17:59	6HNP	1	00:00

NDC for  
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**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
17:59	5VCF	0	17:59	5VCF	1	00:00
17:59	1LBO	2	17:59	1LBO	0	00:00
17:59	9WFU	1	18:18	9WFU	0	00:19
18:00	5UXD	2	18:00	5UXD	0	00:00
18:00	6UGS	2	18:00	6UGS	0	00:00
18:00	6JYS	0	18:15	6JYS	1	00:15
18:01	7DAJ	2	18:01	7DAJ	0	00:00
18:02	0VVO	2	18:02	0VVO	0	00:00
18:02	2EGJ	2	18:02	2EGJ	0	00:00
18:02	8NXZ	0	18:02	8NXZ	2	00:00
18:02	2PBU	2	18:22	2PBU	1	00:20
18:02	0HLD	1	18:44	0HLD	0	00:42
18:03	8UJW	0	18:03	8UJW	1	00:00
18:03	2TAY	0	18:03	2TAY	1	00:00
18:03	1NLG	0	18:03	1NLG	1	00:00
18:03	7MJV	0	18:03	7MJV	1	00:00
18:03	5JYS	0	18:03	5JYS	2	00:00
18:03	7DAJ	0	18:03	7DAJ	2	00:00
18:03	1LBD	0	18:22	1LBD	1	00:19
18:03	2VLU	1	18:24	2VLU	2	00:21
18:03	8HCF	0	18:34	8HCF	1	00:31
18:04	2RKF	0	18:23	2RKF	1	00:19
18:04	8PHF	0	18:25	8PHF	1	00:21
18:05	0VSX	1	18:05	0VSX	0	00:00
18:05	4LVA	1	18:05	4LVA	0	00:00
18:05	1LBD	0	18:05	1LBD	2	00:00
18:05	9FXT	1	18:47	9FXT	0	00:42
18:06	9VVP	0	18:06	9VVP	1	00:00
18:06	4KGS	0	18:06	4KGS	1	00:00
18:07	2RKF	0	18:07	2RKF	2	00:00
18:07	8PHF	0	18:07	8PHF	2	00:00
18:07	4FZT	1	18:07	4FZT	0	00:00
18:08	8PHF	0	18:08	8PHF	2	00:00
18:08	2VSS	0	18:24	2VSS	1	00:16
18:08	6UJD	1	18:25	6UJD	1	00:17
18:08	5XSD	1	18:25	5XSD	0	00:17
18:09	0LJY	0	18:09	0LJY	2	00:00
18:09	9FXT	0	18:09	9FXT	2	00:00
18:09	2MPX	0	18:25	2MPX	1	00:16
18:09	2WNT	1	18:27	2WNT	0	00:18

NDC for  
Arup



**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
18:09	5XRC	1	18:28	5XRC	2	00:19
18:10	1YRF	0	18:10	1YRF	1	00:00
18:10	5TFO	0	18:10	5TFO	2	00:00
18:11	8PHF	0	18:11	8PHF	2	00:00
18:12	8FVC	0	18:12	8FVC	4	00:00
18:12	0LJY	0	18:12	0LJY	2	00:00
18:12	3UXK	1	18:27	3UXK	2	00:15
18:12	9MWD	0	18:33	9MWD	1	00:21
18:13	0PVV	0	18:13	0PVV	1	00:00
18:13	1XEC	0	18:13	1XEC	2	00:00
18:13	9UGC	1	18:43	9UGC	0	00:30
18:14	3BFN	0	18:14	3BFN	2	00:00
18:14	4USN	0	18:14	4USN	2	00:00
18:14	8PHF	0	18:14	8PHF	2	00:00
18:14	8VYE	0	18:14	8VYE	2	00:00
18:14	B80S	0	18:14	B80S	2	00:00
18:14	2KNE	1	18:27	2KNE	1	00:13
18:15	7MVN	0	18:15	7MVN	3	00:00
18:15	9MWD	0	18:15	9MWD	2	00:00
18:15	7WRP	0	18:27	7WRP	1	00:12
18:17	3ZRC	1	18:17	3ZRC	0	00:00
18:17	7JUX	0	18:17	7JUX	1	00:00
18:17	6WCK	0	18:17	6WCK	1	00:00
18:17	1DND	0	18:17	1DND	1	00:00
18:17	0EUE	0	18:17	0EUE	2	00:00
18:17	9UXS	0	18:17	9UXS	2	00:00
18:17	B80S	0	18:29	B80S	1	00:12
18:17	1GET	1	18:30	1GET	0	00:13
18:18	6AEH	0	18:18	6AEH	3	00:00
18:18	50FD	0	18:18	50FD	2	00:00
18:18	8XUY	0	18:29	8XUY	1	00:11
18:19	6XHB	0	18:19	6XHB	2	00:00
18:19	1EZR	0	18:31	1EZR	2	00:12
18:19	0YNE	1	18:37	0YNE	0	00:18
18:20	0LJY	0	18:20	0LJY	2	00:00
18:21	5UVB	0	18:21	5UVB	1	00:00
18:21	0CMR	0	18:21	0CMR	2	00:00
18:21	1JMY	0	18:21	1JMY	2	00:00
18:21	7YZU	0	18:31	7YZU	2	00:10
18:21	3XZX	0	18:54	3XZX	3	00:33

NDC for  
Arup



**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
18:22	6EFN	1	18:22	6EFN	0	00:00
18:22	8DJW	0	18:22	8DJW	1	00:00
18:22	8ONT	0	18:22	8ONT	3	00:00
18:22	5AVU	0	18:22	5AVU	2	00:00
18:22	2XHL	1	18:32	2XHL	0	00:10
18:22	2DVV	1	18:33	2DVV	0	00:11
18:22	4LCL	1	18:33	4LCL	0	00:11
18:22	3EYK	0	18:33	3EYK	3	00:11
18:23	6FEU	0	18:23	6FEU	1	00:00
18:23	1XEC	0	18:23	1XEC	3	00:00
18:24	8UCW	1	18:24	8UCW	0	00:00
18:24	2LKE	0	18:24	2LKE	2	00:00
18:24	9FPU	2	18:34	9FPU	1	00:10
18:24	9KUK	0	18:41	9KUK	1	00:17
18:24	3YDE	0	19:07	3YDE	1	00:43
18:25	4FJU	0	18:37	4FJU	1	00:12
18:26	1LVJ	1	18:26	1LVJ	0	00:00
18:26	20MV	1	18:26	20MV	0	00:00
18:26	4FJU	0	18:26	4FJU	2	00:00
18:26	0UHH	0	18:38	0UHH	1	00:12
18:26	6GGK	0	18:39	6GGK	1	00:13
18:26	1WKM	2	18:41	1WKM	1	00:15
18:26	9SWV	0	18:41	9SWV	1	00:15
18:27	2YRT	0	18:42	2YRT	1	00:15
18:27	8MLK	0	18:51	8MLK	1	00:24
18:28	3UXK	0	18:28	3UXK	2	00:00
18:28	5OOA	0	18:28	5OOA	2	00:00
18:28	1DBX	0	18:42	1DBX	1	00:14
18:28	4VRG	0	18:42	4VRG	1	00:14
18:28	1XRM	0	18:43	1XRM	2	00:15
18:28	5GWU	0	18:45	5GWU	2	00:17
18:28	7BBX	1	18:51	7BBX	0	00:23
18:28	9OLG	0	19:25	9OLG	1	00:57
18:29	7BBX	3	18:29	7BBX	0	00:00
18:30	60VJ	7	18:30	60VJ	0	00:00
18:30	0SKD	3	18:30	0SKD	0	00:00
18:30	5XEL	3	18:30	5XEL	0	00:00
18:31	7CWB	0	18:31	7CWB	1	00:00
18:31	5GAS	0	18:31	5GAS	1	00:00
18:31	2LDA	0	18:31	2LDA	1	00:00

NDC for  
Arup



**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
18:31	1XMH	3	18:31	1XMH	0	00:00
18:31	1KHS	1	18:46	1KHS	0	00:15
18:31	4WGY	1	18:52	4WGY	1	00:21
18:31	2HGG	1	19:27	2HGG	0	00:56
18:32	2WXW	1	18:32	2WXW	0	00:00
18:32	6UZF	3	18:32	6UZF	0	00:00
18:32	9RZZ	1	18:45	9RZZ	0	00:13
18:32	5GWU	0	19:25	6UZF	1	00:53
18:34	5YDL	1	18:34	5YDL	0	00:00
18:34	2WWV	0	18:34	2WWV	1	00:00
18:34	6HZF	2	18:53	6HZF	1	00:19
18:34	5HHA	2	19:06	5HHA	1	00:32
18:35	0USO	3	18:35	0USO	0	00:00
18:35	4POJ	3	18:35	4POJ	0	00:00
18:35	6BYH	0	18:53	6BYH	3	00:18
18:36	6DZF	0	18:36	6DZF	1	00:00
18:36	6KFA	0	18:50	6KFA	1	00:14
18:36	7CJO	0	18:52	7CJO	1	00:16
18:37	2WUB	0	18:37	2WUB	1	00:00
18:37	5ZZF	3	18:37	5ZZF	0	00:00
18:37	7EXD	0	18:52	7EXD	1	00:15
18:38	0ZSW	0	18:38	0ZSW	1	00:00
18:38	2XMU	3	18:38	2XMU	0	00:00
18:38	7EXD	3	18:38	7EXD	0	00:00
18:38	1HVC	1	18:53	1HVC	0	00:15
18:38	5YCA	0	19:05	5YCA	1	00:27
18:39	10FX	1	18:39	10FX	0	00:00
18:39	2CWX	3	18:39	2CWX	0	00:00
18:39	2OGD	0	19:39	2OGD	1	01:00
18:40	2CWX	3	18:40	2CWX	0	00:00
18:40	3BPV	0	18:53	3BPV	1	00:13
18:40	3GDJ	0	18:54	3GDJ	1	00:14
18:40	1KHN	0	18:48	1KHN	1	00:08
18:41	0CV0	1	18:41	0CV0	0	00:00
18:41	23GJ	0	18:41	23GJ	1	00:00
18:41	4TND	0	18:41	4TND	2	00:00
18:41	0YBX	3	18:41	0YBX	0	00:00
18:41	2PNZ	3	18:41	2PNZ	0	00:00
18:41	1ZGG	1	19:11	1ZGG	1	00:30
18:41	7TMZ	0	19:12	7TMZ	1	00:31

NDC for  
Arup



**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
18:42	7TMZ	3	18:42	7TMZ	0	00:00
18:42	4WGX	1	18:57	4WGX	1	00:15
18:43	9PSS	0	18:43	9PSS	1	00:00
18:43	0VZF	3	18:43	0VZF	0	00:00
18:43	4CRW	0	18:43	4CRW	3	00:00
18:43	5HHU	0	18:43	5HHU	3	00:00
18:43	0CVO	0	19:01	0CVO	1	00:18
18:43	7JCH	1	19:22	7JCH	0	00:39
18:44	5VYE	0	18:44	5VYE	1	00:00
18:44	10DH	0	18:44	10DH	3	00:00
18:44	4RVP	0	18:44	4RVP	3	00:00
18:44	7TMZ	0	18:44	7TMZ	3	00:00
18:45	1BXK	0	18:45	1BXK	1	00:00
18:45	4PXE	0	18:45	4PXE	3	00:00
18:45	2EZA	0	18:56	2EZA	1	00:11
18:45	8WEC	1	18:57	2EJF	0	00:12
18:45	6YDH	2	18:57	6YDH	0	00:12
18:46	0US0	1	18:46	0US0	0	00:00
18:46	7WEF	0	18:46	7WEF	1	00:00
18:46	2EJF	0	18:46	2EJF	3	00:00
18:46	5LND	0	18:58	5LND	1	00:12
18:46	2NLK	1	18:59	2NLK	1	00:13
18:46	9DAB	0	19:07	9DAB	1	00:21
18:47	1YRF	0	18:47	1YRF	3	00:00
18:47	9DAB	0	18:47	9DAB	3	00:00
18:47	4RYP	1	19:00	4RYP	2	00:13
18:47	4YHH	2	19:01	4YHH	0	00:14
18:48	5UXD	0	18:48	5UXD	1	00:00
18:48	16BO	0	18:48	16BO	1	00:00
18:48	90VP	0	18:48	90VP	3	00:00
18:48	3TXK	0	19:17	3TXK	1	00:29
18:49	4RYP	0	18:49	4RYP	3	00:00
18:49	8FEU	0	18:49	8FEU	3	00:00
18:49	9DAB	1	18:49	9DAB	0	00:00
18:49	5AEN	0	19:03	5AEN	1	00:14
18:49	8EXH	1	19:05	8EXH	0	00:16
18:50	0NNY	0	18:50	0NNY	3	00:00
18:50	2LHF	1	19:05	2LHF	0	00:15
18:50	8NHY	1	19:06	8NHY	1	00:16
18:50	8UVN	0	19:07	8UVN	1	00:17

NDC for  
Arup





**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
18:51	6LFT	1	18:51	6LFT	0	00:00
18:51	4DCG	1	19:08	4DCG	1	00:17
18:51	1FGA	0	19:40	1FGA	1	00:49
18:52	9JVX	0	18:52	9JVX	1	00:00
18:54	8CAO	3	18:54	8CAO	0	00:00
18:54	7MMU	0	19:08	7MMU	1	00:14
18:54	3FYZ	1	19:16	3FYZ	0	00:22
18:54	3TKN	0	19:25	3TKN	1	00:31
18:55	4LHD	1	18:55	4LHD	0	00:00
18:55	5VXR	1	18:55	5VXR	0	00:00
18:55	4PNV	0	19:09	4PNV	1	00:14
18:55	5CEU	1	19:10	5CEU	0	00:15
18:55	7OPA	1	19:10	7OPA	0	00:15
18:56	4CKN	0	18:56	4CKN	1	00:00
18:56	2OWV	0	18:56	2OWV	1	00:00
18:56	5ULS	0	19:10	5ULS	1	00:14
18:56	8CTW	0	19:26	2WDU	1	00:30
18:56	6DSB	0	19:46	6DSB	1	00:50
18:57	2WDU	1	18:57	2WDU	0	00:00
18:57	9JVX	1	18:57	9JVX	0	00:00
18:57	20FR	1	18:57	20FR	0	00:00
18:57	8VOP	0	19:10	8VOP	1	00:13
18:58	8FEU	0	18:58	8FEU	1	00:00
18:58	5ULS	1	18:58	5ULS	0	00:00
18:59	8VOP	1	18:59	8VOP	0	00:00
18:59	8EUP	0	19:14	8EUP	1	00:15
18:59	5TWJ	0	19:50	5TWJ	1	00:51
19:00	5MFZ	2	19:00	5MFZ	0	00:00
19:00	5YKT	3	19:00	5YKT	0	00:00
19:00	83JA	0	19:00	83JA	3	00:00
19:00	0KKT	1	19:00	0KKT	0	00:00
19:00	0VZK	2	19:12	0VZK	1	00:12
19:00	3RHK	0	19:13	3RHK	1	00:13
19:01	5YKT	3	19:01	5YKT	0	00:00
19:01	1ONH	0	19:01	1ONH	1	00:00
19:01	2RET	0	19:01	2RET	2	00:00
19:01	2NCA	1	19:14	2NCA	0	00:13
19:02	5MFZ	2	19:02	5MFZ	0	00:00
19:02	8VOP	1	19:02	8VOP	0	00:00
19:02	8BDC	0	19:15	8BDC	1	00:13

NDC for  
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**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
19:03	5HKK	1	19:03	5HKK	0	00:00
19:03	1LFL	3	19:03	1LFL	0	00:00
19:04	5HKK	1	19:04	5HKK	0	00:00
19:04	4USN	0	19:04	4USN	1	00:00
19:04	5EXL	0	19:04	5EXL	1	00:00
19:04	0CMK	0	19:04	0CMK	1	00:00
19:04	25VR	1	19:04	25VR	0	00:00
19:04	2NSZ	0	19:14	2NSZ	1	00:10
19:05	1LKC	0	19:05	1LKC	2	00:00
19:05	3FHN	1	19:05	3FHN	0	00:00
19:05	7LCK	0	19:17	7LCK	1	00:12
19:05	3NTX	0	19:18	3NTX	1	00:13
19:06	2NSZ	1	19:06	2NSZ	0	00:00
19:06	50XS	1	19:06	50XS	0	00:00
19:06	8BDC	1	19:06	8BDC	0	00:00
19:06	1WPN	0	19:17	1WPN	1	00:11
19:07	6LVR	1	19:17	6LVR	0	00:10
19:07	8KDX	0	19:20	8KDX	2	00:13
19:07	7MFP	0	19:20	7MFP	1	00:13
19:07	4FRF	1	19:21	4FRF	1	00:14
19:08	3ZZF	0	19:08	3ZZF	1	00:00
19:08	3NTX	1	19:08	3NTX	0	00:00
19:08	7LCK	1	19:08	7LCK	0	00:00
19:08	8UJW	1	19:08	8UJW	0	00:00
19:08	8GNY	0	19:19	8GNY	2	00:11
19:08	5JJL	0	19:20	5JJL	1	00:12
19:08	8YWP	0	19:24	8YWP	1	00:16
19:08	8KAA	1	19:35	8KAA	3	00:27
19:09	2NSZ	1	19:09	2NSZ	0	00:00
19:09	6WLC	0	19:26	6WLC	1	00:17
19:09	7KGN	0	19:27	7KGN	1	00:18
19:09	6GUX	0	20:05	6GUX	1	00:56
19:10	4LNT	1	19:10	4LNT	0	00:00
19:10	4WYP	1	19:10	4WYP	0	00:00
19:10	1ABN	0	19:28	1ABN	2	00:18
19:10	7LZT	0	19:32	7LZT	1	00:22
19:11	4SKV	1	19:11	4SKV	0	00:00
19:11	8YWP	1	19:11	8YWP	0	00:00
19:11	4WSK	0	19:28	4WSK	1	00:17
19:11	8DFC	1	19:30	8DFC	0	00:19

NDC for  
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**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
19:12	7TXV	1	19:12	7TXV	0	00:00
19:12	8YWP	1	19:12	8YWP	0	00:00
19:12	5RDO	0	19:55	5RDO	1	00:43
19:13	4LCL	1	19:13	4LCL	0	00:00
19:13	6JKS	1	19:13	6JKS	0	00:00
19:13	2NRL	1	19:32	2NRL	1	00:19
19:13	5FPL	1	19:32	5FPL	0	00:19
19:14	4PDJ	0	19:14	4PDJ	3	00:00
19:14	1FZA	0	19:48	1FZA	1	00:34
19:14	1UZG	0	19:54	1UZG	1	00:40
19:14	5WBG	4	20:08	5WBG	3	00:54
19:15	3NWV	1	19:36	3NWV	0	00:21
19:15	4VBF	0	19:36	4VBF	1	00:21
19:16	2NSZ	1	19:16	2NSZ	0	00:00
19:16	50XS	1	19:16	50XS	0	00:00
19:16	8YWP	1	19:16	8YWP	0	00:00
19:16	4WRX	0	19:38	4WRX	1	00:22
19:17	4LMK	0	19:17	4LMK	1	00:00
19:17	7VZF	0	19:17	7VZF	1	00:00
19:17	4CRW	1	19:17	4CRW	0	00:00
19:17	4KVU	1	19:37	4KVU	0	00:20
19:17	6BFT	1	19:43	6BFT	1	00:26
19:18	9MWD	0	19:18	9MWD	1	00:00
19:18	5ODA	0	19:18	5ODA	1	00:00
19:18	2NRL	1	19:18	2NRL	0	00:00
19:18	3RHK	1	19:18	3RHK	0	00:00
19:18	7MFP	1	19:18	7MFP	0	00:00
19:18	4YJU	1	19:39	4YJU	1	00:21
19:18	1AOM	0	19:43	1AOM	1	00:25
19:19	8FEV	0	19:19	8FEV	1	00:00
19:19	6EUE	0	19:19	6EUE	1	00:00
19:19	3NWV	1	19:19	3NWV	0	00:00
19:19	8YWP	1	19:19	8YWP	0	00:00
19:19	6REP	0	19:40	6REP	1	00:21
19:20	4WD0	1	19:20	4WD0	0	00:00
19:20	9UUW	1	19:20	9UUW	0	00:00
19:20	K11N	0	19:20	K11N	1	00:00
19:20	6JYS	0	19:20	6JYS	1	00:00
19:20	B8OS	0	19:20	B8OS	1	00:00
19:20	6XAE	1	19:20	6XAE	0	00:00

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**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
19:20	2EDF	0	19:41	2EDF	1	00:21
19:21	4YJU	1	19:21	4YJU	0	00:00
19:21	80KC	1	19:21	80KC	0	00:00
19:21	0LJY	0	19:21	0LJY	1	00:00
19:21	0HAO	0	19:21	0HAO	2	00:00
19:21	4WRX	1	19:21	4WRX	0	00:00
19:21	8AHX	1	19:45	8AHX	1	00:24
19:22	1AOM	1	19:22	1AOM	0	00:00
19:22	3RHK	1	19:22	3RHK	0	00:00
19:23	4RYP	0	19:23	4RYP	1	00:00
19:24	16BH	0	19:24	16BH	1	00:00
19:24	4YUW	1	19:24	4YUW	0	00:00
19:24	6BFT	1	19:24	6BFT	0	00:00
19:24	8YWP	1	19:24	8YWP	0	00:00
19:24	6WBN	0	19:40	6WBN	1	00:16
19:25	6VLS	1	19:25	6VLS	0	00:00
19:25	4FKP	1	19:25	4FKP	0	00:00
19:25	9KYO	0	19:43	9KYO	1	00:18
19:26	4LCL	0	19:26	4LCL	1	00:00
19:26	1AOM	1	19:26	1AOM	0	00:00
19:26	4YUW	1	19:26	4YUW	0	00:00
19:26	0JYF	1	20:00	0JYF	1	00:34
19:27	10AY	1	19:27	10AY	0	00:00
19:27	6WBN	1	19:27	6WBN	0	00:00
19:27	8YWP	1	19:27	8YWP	0	00:00
19:27	8MKX	0	19:43	8MKX	1	00:16
19:28	3MTO	1	19:28	3MTO	0	00:00
19:28	0MLD	1	19:45	0MLD	0	00:17
19:28	1WVW	0	19:46	1WVW	1	00:18
19:29	DYBX	0	19:29	DYBX	1	00:00
19:29	4WRX	1	19:29	4WRX	0	00:00
19:29	8MKX	1	19:29	8MKX	0	00:00
19:29	8YWP	1	19:29	8YWP	0	00:00
19:29	9KYO	1	19:29	9KYO	0	00:00
19:30	1WVW	1	19:30	1WVW	0	00:00
19:30	2LKC	0	19:30	2LKC	1	00:00
19:30	2RBY	1	19:30	2RBY	0	00:00
19:30	8MKX	1	19:30	8MKX	0	00:00
19:30	4YZB	1	19:46	4YZB	0	00:16
19:31	7FFW	1	19:31	7FFW	0	00:00

NDC for  
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**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
19:31	2RKF	0	19:31	2RKF	1	00:00
19:31	5HLX	1	19:46	5HLX	0	00:15
19:31	1YOX	0	19:47	1YOX	1	00:16
19:31	7JHL	1	19:58	7JHL	0	00:27
19:32	5AEN	0	19:32	5AEN	2	00:00
19:32	2AY5	1	19:32	2AY5	0	00:00
19:32	4YZB	1	19:32	4YZB	0	00:00
19:32	5HUJ	1	19:32	5HUJ	0	00:00
19:32	0MTE	0	19:49	0MTE	1	00:17
19:33	7TMZ	0	19:33	7TMZ	1	00:00
19:33	5YXR	0	19:33	5YXR	3	00:00
19:33	6DVJ	0	19:33	6DVJ	3	00:00
19:33	5YKT	0	19:33	5YKT	4	00:00
19:33	1RNA	1	19:33	1RNA	0	00:00
19:33	4EHH	1	19:33	4EHH	0	00:00
19:33	8MKX	1	19:33	8MKX	0	00:00
19:33	7NVW	1	19:48	7NVW	0	00:15
19:34	4LHD	0	19:34	4LHD	1	00:00
19:34	8BDC	0	19:34	8BDC	1	00:00
19:34	8PPS	0	19:34	8PPS	1	00:00
19:34	7XPO	1	19:34	7XPO	0	00:00
19:34	7LXD	2	19:50	7LXD	1	00:16
19:34	5RKJ	0	19:50	5RKJ	1	00:16
19:34	0KER	0	20:03	0KER	1	00:29
19:35	ILFL	0	19:35	ILFL	2	00:00
19:35	2SVR	0	19:35	2SVR	2	00:00
19:35	5TWU	0	19:51	5TWU	1	00:16
19:35	5TNE	0	20:13	5TNE	1	00:38
19:36	7ZFR	0	19:36	7ZFR	1	00:00
19:36	2YRT	0	19:36	2YRT	1	00:00
19:36	6VRR	1	19:36	6VRR	0	00:00
19:36	7NVW	1	19:36	7NVW	0	00:00
19:36	9EUF	0	19:54	9EUF	1	00:18
19:37	8UVN	1	19:37	8UVN	0	00:00
19:37	0KJE	1	19:37	0KJE	0	00:00
19:37	0NAO	1	19:37	0NAO	0	00:00
19:37	5RKJ	1	19:37	5RKJ	0	00:00
19:37	4FXB	0	19:54	4FXB	1	00:17
19:37	8XBR	0	20:09	8XBR	1	00:32
19:39	7LCK	0	19:39	7LCK	1	00:00

NDC for  
Arup



**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
19:39	5632	1	19:39	5632	0	00:00
19:39	5PGF	1	19:39	5PGF	0	00:00
19:39	60BG	1	19:39	60BG	0	00:00
19:39	5TBJ	1	19:56	5TBJ	3	00:17
19:39	2ZBE	0	19:58	2ZBE	1	00:19
19:40	5CZZ	0	19:40	5CZZ	2	00:00
19:40	5RKJ	1	19:40	5RKJ	0	00:00
19:40	2CDM	0	20:01	2CDM	1	00:21
19:40	5MUA	0	20:06	5MUA	1	00:26
19:41	7NJO	1	19:41	7NJO	0	00:00
19:41	8RPV	0	19:41	8RPV	1	00:00
19:41	5MUA	1	19:41	5MUA	0	00:00
19:41	8TUW	1	19:41	8TUW	0	00:00
19:42	1PBO	0	19:59	1PBO	1	00:17
19:42	9DWP	0	20:00	9DWP	1	00:18
19:42	3HRL	0	20:31	3HRL	1	00:49
19:43	8RPV	1	19:43	8RPV	0	00:00
19:43	5LNT	0	19:43	5LNT	2	00:00
19:43	8NPA	0	20:09	8NPA	1	00:26
19:44	6KWY	0	20:12	6KWY	1	00:28
19:44	8VLR	1	20:13	2ZFE	0	00:29
19:45	6VDA	1	19:45	6VDA	0	00:00
19:45	2ZFE	1	19:45	2ZFE	0	00:00
19:45	4JKV	0	19:45	4JKV	3	00:00
19:46	4WDO	0	19:46	4WDO	2	00:00
19:46	5RKJ	1	19:46	5RKJ	0	00:00
19:46	4ECC	0	20:03	4ECC	2	00:17
19:46	5FDG	1	20:20	5FDG	0	00:34
19:47	6XAE	0	19:47	6XAE	1	00:00
19:47	2CDM	1	19:47	2CDM	0	00:00
19:47	6E0B	1	19:47	6E0B	0	00:00
19:47	6VRR	1	19:47	6VRR	0	00:00
19:47	8TUW	1	19:47	8TUW	0	00:00
19:47	2KXN	0	20:07	2KXN	1	00:20
19:48	8NPA	1	19:48	8NPA	0	00:00
19:48	5XAY	0	20:06	5XAY	1	00:18
19:48	2TZA	0	20:14	2TZA	4	00:26
19:49	0BZT	1	19:49	0BZT	0	00:00
19:49	4LCL	1	19:49	4LCL	0	00:00
19:49	6WGF	1	19:49	6WGF	0	00:00

NDC for  
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**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
19:49	6EWG	1	20:06	6EWG	0	00:17
19:49	9FNM	0	20:07	9FNM	1	00:18
19:50	3EVC	1	19:50	3EVC	0	00:00
19:50	5XAY	1	19:50	5XAY	0	00:00
19:50	2AOK	0	20:08	2AOK	1	00:18
19:50	5WKK	0	19:59	5WKK	1	00:09
19:51	2ARY	0	19:51	2ARY	1	00:00
19:51	4ZBZ	0	20:07	4ZBZ	1	00:16
19:52	0PVT	1	19:52	0PVT	0	00:00
19:52	4CCL	1	19:52	4CCL	0	00:00
19:52	7VWE	1	19:52	7VWE	0	00:00
19:52	4DOB	0	20:21	4DOB	1	00:29
19:53	8YWP	0	19:53	8YWP	1	00:00
19:53	4GHY	0	20:06	4GHY	1	00:13
19:53	6WKZ	0	20:09	6WKZ	1	00:16
19:53	9GNX	0	20:10	9GNX	1	00:17
19:54	6HHW	0	19:54	6HHW	2	00:00
19:55	1DAY	0	19:55	1DAY	1	00:00
19:55	9NVR	0	19:55	9NVR	3	00:00
19:55	4GVC	1	19:55	4GVC	0	00:00
19:55	4NWE	1	19:55	4NWE	0	00:00
19:55	8NPA	1	19:55	8NPA	0	00:00
19:56	1WOO	1	19:56	1WOO	0	00:00
19:56	1XYO	0	20:10	1XYO	1	00:14
19:56	9UNE	0	20:20	9UNE	1	00:24
19:57	1HBB	1	19:57	1HBB	0	00:00
19:57	70KN	1	19:57	70KN	0	00:00
19:57	5RDO	0	19:57	5RDO	1	00:00
19:57	0PNX	0	19:57	0PNX	1	00:00
19:57	3MTD	0	19:57	3MTD	1	00:00
19:57	1VYV	0	19:57	1VYV	2	00:00
19:57	5TRP	1	19:57	5TRP	0	00:00
19:57	6WKZ	0	19:57	6WKZ	1	00:00
19:57	0DJW	2	20:11	0DJW	2	00:14
19:58	2NRL	0	19:58	2NRL	1	00:00
19:58	2WSZ	0	19:58	2WSZ	1	00:00
19:58	7GRZ	0	19:58	7GRZ	2	00:00
19:58	7ZXP	0	19:58	7ZXP	1	00:00
19:58	0EGD	0	20:11	0EGD	1	00:13
19:58	2RZS	0	20:12	2RZS	1	00:14

NDC for  
Arup



**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
19:58	2ZCN	1	20:17	2ZCN	0	00:19
19:58	0JKJ	2	20:23	0JKJ	0	00:25
19:59	6UAU	0	19:59	6UAU	1	00:00
19:59	8VYC	0	19:59	8VYC	1	00:00
19:59	8MHP	0	20:27	8MHP	3	00:28
20:00	0PPY	0	20:12	0PPY	1	00:12
20:00	7YGD	0	20:15	7YGD	1	00:15
20:00	6PKK	1	20:16	6PKK	0	00:16
20:00	3YGN	0	20:25	3YGN	1	00:25
20:01	1XTC	1	20:01	1XTC	0	00:00
20:03	1ARU	0	20:15	1ARU	1	00:12
20:04	5JCX	1	20:04	5JCX	0	00:00
20:04	0WGM	0	20:04	0WGM	1	00:00
20:04	1DZP	0	20:04	1DZP	1	00:00
20:04	4AXS	1	20:39	4AXS	1	00:35
20:05	8OUD	0	20:05	8OUD	2	00:00
20:06	2FOF	0	20:06	2FOF	1	00:00
20:06	4YOH	0	20:06	4YOH	1	00:00
20:06	8ACC	1	20:18	8ACC	0	00:12
20:06	9YOJ	0	20:19	9YOJ	1	00:13
20:06	2TPY	0	20:27	2TPY	1	00:21
20:06	9GNP	3	20:40	9GNP	2	00:34
20:07	4AXS	1	20:07	4AXS	0	00:00
20:07	6BFT	0	20:07	6BFT	2	00:00
20:07	7DZP	1	20:19	7DZP	1	00:12
20:07	3XUL	2	20:19	3XUL	4	00:12
20:08	4AXS	1	20:08	4AXS	0	00:00
20:08	3YGN	0	20:08	3YGN	1	00:00
20:08	9YOJ	0	20:08	9YOJ	1	00:00
20:08	6JCX	3	20:20	6JCX	1	00:12
20:09	0PVV	1	20:09	0PVV	0	00:00
20:09	LPAO	0	20:09	LPAO	1	00:00
20:09	9DZO	0	20:21	9DZO	1	00:12
20:09	9HVV	1	20:29	9HVV	2	00:20
20:09	3VUY	1	20:35	3VUY	1	00:26
20:10	4UTS	2	20:10	4UTS	0	00:00
20:10	7PNZ	1	20:21	7PNZ	0	00:11
20:10	8NFE	1	20:22	8NFE	0	00:12
20:10	8HVE	0	20:25	8HVE	3	00:15
20:11	0PVV	1	20:11	0PVV	0	00:00

NDC for  
Arup





**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
20:11	6JOA	1	20:11	6JOA	0	00:00
20:11	6WBN	0	20:11	6WBN	1	00:00
20:11	0EXA	0	20:11	0EXA	1	00:00
20:11	9DZO	0	20:11	9DZO	1	00:00
20:12	1KVS	2	20:12	1KVS	0	00:00
20:12	6RRH	0	20:52	6RRH	1	00:40
20:13	7ULS	0	20:13	7ULS	1	00:00
20:13	6TJU	0	20:24	6TJU	1	00:11
20:13	2SWU	0	20:31	2SWU	1	00:18
20:13	6EXA	0	20:34	6EXA	1	00:21
20:14	4UTS	0	20:14	4UTS	1	00:00
20:14	4XUY	0	20:24	4XUY	1	00:10
20:14	656O	2	20:26	656O	2	00:12
20:14	5UWJ	2	20:28	5UWJ	1	00:14
20:15	656O	0	20:27	656O	3	00:12
20:15	6AOH	0	20:29	6AOH	1	00:14
20:15	6EYO	1	20:31	6EYO	0	00:16
20:16	5UWT	1	20:16	5UWT	0	00:00
20:17	6EYO	1	20:17	6EYO	0	00:00
20:17	6NUJ	1	20:17	6NUJ	0	00:00
20:17	3WTX	0	20:17	3WTX	1	00:00
20:17	10RF	0	20:17	10RF	1	00:00
20:17	5DRY	0	20:17	5DRY	1	00:00
20:17	6AOH	0	20:17	6AOH	1	00:00
20:17	7WCO	0	20:17	7WCO	1	00:00
20:17	A68P	1	20:30	A68P	1	00:13
20:18	1WVW	0	20:18	1WVW	1	00:00
20:18	40GF	0	20:18	40GF	1	00:00
20:18	6AOH	0	20:18	6AOH	1	00:00
20:18	6EYO	0	20:18	6EYO	1	00:00
20:18	1UWG	0	20:28	1UWG	1	00:10
20:18	5ONS	2	20:31	5ONS	1	00:13
20:18	2DFZ	0	20:41	2DFZ	1	00:23
20:19	50WZ	0	20:19	50WZ	1	00:00
20:20	5VPD	0	20:20	5VPD	1	00:00
20:20	6OBG	0	20:20	6OBG	1	00:00
20:20	9AYT	0	20:20	9AYT	1	00:00
20:20	9CSK	0	20:30	9CSK	1	00:10
20:20	5FHR	1	20:31	5FHR	0	00:11
20:20	4SYR	1	20:36	4SYR	1	00:16

NDC for  
Arup



**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
20:21	40JW	1	20:21	40JW	0	00:00
20:21	49MG	0	20:21	49MG	1	00:00
20:21	7DFK	0	20:21	7DFK	1	00:00
20:21	2DXF	0	20:31	2DXF	1	00:10
20:21	5CBO	0	20:32	5CBO	2	00:11
20:21	8HVH	0	20:33	8HVH	2	00:12
20:21	5DVV	3	20:34	7DFK	2	00:13
20:22	6JHA	0	20:22	6JHA	1	00:00
20:22	2ALX	0	20:22	2ALX	1	00:00
20:22	8HVH	0	20:22	8HVH	1	00:00
20:23	4VLR	0	20:23	4VLR	1	00:00
20:23	6UDD	0	20:34	6UDD	1	00:11
20:23	9YFX	0	20:43	9YFX	1	00:20
20:23	1BRW	0	20:51	1BRW	1	00:28
20:24	4202	0	20:24	4202	1	00:00
20:24	0XYC	1	20:35	0XYC	1	00:11
20:25	20GD	0	20:25	20GD	1	00:00
20:25	8HVH	0	20:25	8HVH	1	00:00
20:25	2YFH	1	20:36	2YFH	0	00:11
20:25	0EWJ	0	20:56	0EWJ	1	00:31
20:26	6AOH	1	20:26	6AOH	0	00:00
20:26	5GXW	0	20:26	5GXW	1	00:00
20:26	2RXZ	2	20:26	2RXZ	0	00:00
20:26	3WGE	0	20:37	3WGE	1	00:11
20:26	1XKJ	1	20:53	1XKJ	0	00:27
20:27	7NJO	0	20:27	7NJO	1	00:00
20:27	3WGE	2	20:27	3WGE	0	00:00
20:27	2JZW	1	20:40	2JZW	0	00:13
20:27	5UOG	0	20:41	5UOG	1	00:14
20:27	9UEG	0	20:44	9UEG	1	00:17
20:27	6PNF	1	20:49	6PNF	2	00:22
20:27	2UVZ	1	20:56	2UVZ	0	00:29
20:28	7XPD	0	20:28	7XPD	1	00:00
20:29	2XOH	0	20:43	2XOH	1	00:14
20:30	9KYO	0	20:30	9KYO	1	00:00
20:30	2AYS	0	20:30	2AYS	1	00:00
20:30	7BY0	2	20:30	7BY0	0	00:00
20:30	9AHZ	2	20:30	9AHZ	0	00:00
20:30	0GHZ	0	20:43	0GHZ	1	00:13
20:30	6OTX	0	20:43	6OTX	1	00:13

NDC for  
Arup



**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
20:30	2ZDM	1	20:49	2ZDM	0	00:19
20:30	2WBL	0	20:53	2WBL	1	00:23
20:31	R600	1	20:31	R600	0	00:00
20:31	QJKJ	2	20:31	QJKJ	0	00:00
20:31	7ZUA	1	20:47	7ZUA	0	00:16
20:31	8DVU	0	20:48	8DVU	2	00:17
20:32	5AZD	0	20:49	5AZD	1	00:17
20:32	3NKE	0	20:50	3NKE	1	00:18
20:33	5OXS	0	20:33	5OXS	1	00:00
20:33	0JKJ	2	20:33	0JKJ	0	00:00
20:33	1FZB	0	20:47	1FZB	1	00:14
20:33	2USY	0	20:50	2USY	1	00:17
20:33	5WLR	0	20:51	5WLR	1	00:18
20:35	90ZG	3	20:35	90ZG	0	00:00
20:35	5RKJ	0	20:35	5RKJ	1	00:00
20:35	1LKC	2	20:35	1LKC	0	00:00
20:35	5AZD	2	20:35	5AZD	0	00:00
20:35	9KKV	1	20:50	9KKV	1	00:15
20:35	2HVH	0	20:50	2HVH	1	00:15
20:35	3JFG	0	20:51	3JFG	1	00:16
20:36	4BWP	1	20:36	4BWP	0	00:00
20:36	5UEY	3	20:36	5UEY	0	00:00
20:36	1JWT	0	20:36	1JWT	1	00:00
20:36	0NAD	0	20:36	0NAD	1	00:00
20:36	3HDG	1	20:52	3HDG	1	00:16
20:36	7DUM	1	20:53	7DUM	0	00:17
20:36	2PUR	3	20:54	2PUR	1	00:18
20:37	3JFG	1	20:37	3JFG	0	00:00
20:37	DBZT	0	20:37	DBZT	1	00:00
20:37	5AZD	2	20:37	5AZD	0	00:00
20:37	6DCY	2	20:37	6DCY	0	00:00
20:38	3REG	4	20:38	3REG	0	00:00
20:38	2XLX	2	20:38	2XLX	0	00:00
20:38	3BOH	0	20:53	3BOH	1	00:15
20:39	HO76	3	20:39	HO76	0	00:00
20:39	1UCM	2	20:39	1UCM	0	00:00
20:39	6EYO	2	20:39	6EYO	0	00:00
20:39	0VXU	3	20:54	0VXU	1	00:15
20:39	2CWU	1	20:59	2CWU	0	00:20
20:40	5KWS	1	20:40	5KWS	0	00:00

NDC for  
Arup



**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
20:40	2JYK	2	20:40	2JYK	0	00:00
20:40	6DCY	2	20:40	6DCY	0	00:00
20:41	5HXE	2	20:41	5HXE	0	00:00
20:42	3FHN	0	20:42	3FHN	2	00:00
20:42	3BOH	2	20:42	3BOH	0	00:00
20:42	8PYB	1	20:59	8PYB	0	00:17
20:42	6EEZ	0	20:59	6EEZ	1	00:17
20:43	9CWW	1	20:43	9CWW	0	00:00
20:43	3EUC	0	20:43	3EUC	1	00:00
20:43	4URP	1	20:59	4URP	2	00:16
20:44	9CWW	1	20:44	9CWW	0	00:00
20:44	5JYD	3	20:44	5JYD	0	00:00
20:44	5938	2	20:44	5938	0	00:00
20:44	6EEZ	2	20:44	6EEZ	0	00:00
20:44	8YOK	2	20:44	8YOK	0	00:00
20:44	K11N	2	20:44	K11N	0	00:00
20:45	2PUR	1	20:45	2PUR	0	00:00
20:45	5MXF	1	20:45	5MXF	0	00:00
20:45	7ZFR	2	20:45	7ZFR	0	00:00
20:46	6HNP	1	20:46	6HNP	0	00:00
20:47	5SWN	0	20:47	5SWN	1	00:00
20:47	4WWE	0	20:47	4WWE	2	00:00
20:47	0BJF	2	20:47	0BJF	0	00:00
20:47	0NNY	2	20:47	0NNY	0	00:00
20:47	0ZTH	2	20:47	0ZTH	0	00:00
20:47	8AOF	2	20:47	8AOF	0	00:00
20:48	4LMK	1	20:48	4LMK	0	00:00
20:48	83JA	1	20:48	83JA	0	00:00
20:48	8RPV	0	20:48	8RPV	1	00:00
20:49	2KOD	1	20:49	2KOD	0	00:00
20:49	3UOX	1	20:49	3UOX	0	00:00
20:49	6HHW	3	20:49	6HHW	0	00:00
20:49	0TZU	2	20:49	0TZU	0	00:00
20:49	1TYA	2	20:49	1TYA	0	00:00
20:50	0HAO	1	20:50	0HAO	0	00:00
20:50	10SL	1	20:50	10SL	0	00:00
20:50	5HUA	0	20:50	5HUA	1	00:00
20:50	6EOB	0	20:50	6EOB	1	00:00
20:50	1TYA	2	20:50	1TYA	0	00:00
20:50	9MLG	2	20:50	9MLG	0	00:00

NDC for  
Arup



**2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY**

SITE: C98

DATE: 01/06/2012

LOCATION: BNS Short Stay Car Park (Private car drop off)

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
20:51	0BJF	1	20:51	0BJF	0	00:00
20:51	6PWY	1	20:51	6PWY	0	00:00
20:51	6HHW	2	20:51	6HHW	0	00:00
20:51	2CDM	0	20:51	2CDM	3	00:00
20:51	9YAD	2	20:51	9YAD	0	00:00
20:51	656O	0	20:51	656O	1	00:00
20:52	2RET	1	20:52	2RET	0	00:00
20:52	6PVT	0	20:52	6PVT	1	00:00
20:52	1JWT	2	20:52	1JWT	0	00:00
20:52	4BFP	2	20:52	4BFP	0	00:00
20:53	6FOW	2	20:53	6FOW	0	00:00
20:53	1TYA	0	20:53	1TYA	2	00:00
20:53	4JRG	0	20:53	4JRG	2	00:00
20:54	8NPA	0	20:54	8NPA	1	00:00
20:54	2LWZ	0	20:54	2LWZ	2	00:00
20:54	0MAR	0	20:54	0MAR	2	00:00
20:54	6PCV	0	20:54	6PCV	2	00:00
20:55	9JGF	0	20:55	9JGF	2	00:00
20:56	1WUO	0	20:56	1WUO	1	00:00
20:56	6EVO	0	20:56	6EVO	1	00:00
20:56	5938	0	20:56	5938	2	00:00
20:56	1TYA	0	20:56	1TYA	2	00:00
20:56	6LXN	0	20:56	6LXN	2	00:00
20:56	7LVH	0	20:56	7LVH	2	00:00
20:56	9ZFH	0	20:56	9ZFH	2	00:00
20:57	0WKX	0	20:57	0WKX	2	00:00
20:57	3ROR	0	20:57	3ROR	2	00:00
20:57	6MSX	0	20:57	6MSX	2	00:00
20:57	6YPF	0	20:57	6YPF	2	00:00
20:58	1XFN	0	20:58	1XFN	2	00:00
20:58	5RXX	0	20:58	5RXX	2	00:00
20:58	6CGY	0	20:58	6CGY	2	00:00
20:59	9HTV	0	20:59	9HTV	2	00:00
20:59	9MHZ	0	20:59	9MHZ	2	00:00
21:00	2HHA	0	21:00	2HHA	2	00:00



2111 / WEST MIDLANDS HS2  
JUNE 2012  
PICKUP & DROP OFF SURVEY

SITE: CS99

DATE: 01/06/2012

LOCATION: BNS Taxi pickup & drop off

DAY: Friday

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
06:00	2TOA	1	06:00	2TOA		00:00
06:00	6ASH	2	06:00	6ASH		00:00
06:01	0AM5	1	06:01	0AM5		00:00
06:02	3EHT	1	06:02	3EHT		00:00
06:02	3DLE	2	06:02	3DLE		00:00
06:03	6MUR	1	06:03	6MUR		00:00
06:03	4VBD	1	06:03	4VBD		00:00
06:03	89CA	2	06:03	89CA		00:00
06:04	45ZH	1	06:04	45ZH		00:00
06:05	4FWX	2	06:05	4FWX		00:00
06:05	2ZTL	2	06:05	2ZTL		00:00
06:05	6JZE		06:05	6JZE	1	00:00
06:06	5CZZ		06:06	5CZZ	1	00:00
06:07	3SVW	1	06:10	3SVW		00:03
06:10	6KDA	1	06:10	6KDA		00:00
06:11	4TVP	1	06:11	4TVP		00:00
06:11	OGKG		06:11	OGKG	1	00:00
06:12	4USC	1	06:12	4USC		00:00
06:12	4VGE	1	06:12	4VGE		00:00
06:13	2OUC	1	06:13	2OUC		00:00
06:13	3GSB	1	06:13	3GSB		00:00
06:14	4EKB	1	06:14	4EKB		00:00
06:15	6UBY	1	06:15	6UBY		00:00
06:15	0XON	1	06:15	0XON		00:00
06:16	3XLF	1	06:16	3XLF		00:00
06:16	3XOM	1	06:16	3XOM		00:00
06:16	5LNC	1	06:16	5LNC		00:00
06:16	6CRU	1	06:16	6CRU		00:00
06:17	4YNH	1	06:17	4YNH		00:00
06:17	4XHG	1	06:17	4XHG		00:00
06:17	7JNS	1	06:17	7JNS		00:00
06:17	8RCY	1	06:18	8RCY		00:01
06:17	OCMS	2	06:17	OCMS		00:00
06:18	5POF	1	06:20	5POF		00:02
06:18	6PGO	1	06:19	6PGO		00:01
06:18	9KPJ	1	06:19	9KPJ		00:01
06:18	5LNC	2	06:18	5LNC		00:00
06:20	5UHG	1	06:25	5UHG	1	00:05
06:20	4CBH	1	06:24	4CBH	1	00:04
06:21	5WTR	1	06:21	5WTR		00:00
06:21	7GVL	1	06:25	7GVL		00:04
06:22	6OYL	1	06:25	6OYL		00:03
06:24	4MWL	1	06:26	4MWL		00:02
06:25	3KXR	1	06:27	3KXR		00:02
06:26	3UNJ	1	06:26	3UNJ		00:00
06:26	9FKL	1	06:28	9FKL		00:02
06:27	3OKP		06:27	3OKP	2	00:00
06:30	8WNN	1	06:30	8WNN		00:00
06:30	4LKM	2	06:32	4LKM		00:02
06:32	6WUP	1	06:34	6WUP		00:02

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
06:32	7FFU	1	06:34	7FFU		00:02
06:32	1DFG	1	06:32	1DFG		00:00
06:34	9XZB	1	06:34	9XZB		00:00
06:35	7EBG	1	06:35	7EBG		00:00
06:35	3DZS	1	06:37	3DZS		00:02
06:35	5EDC	1	06:35	5EDC		00:00
06:36	3NDU	1	06:36	3NDU		00:00
06:37	4KPL	1	06:37	4KPL		00:00
06:37	5HOB	1	06:37	5HOB		00:00
06:37	4YHS	1	06:38	4YHS		00:01
06:37	5FNL	2	06:38	5FNL		00:01
06:38	6MGP	1	06:39	6MGP		00:01
06:38	6OFX	1	06:39	6OFX		00:01
06:39	4EKB	1	06:40	4EKB		00:01
06:39	6ASH	1	06:40	6ASH		00:01
06:39	7CYP	1	06:41	7CYP		00:02
06:39	8XAT	1	06:40	8XAT		00:01
06:40	5NWY	1	06:40	5NWY		00:00
06:40	3YSE	1	06:40	3YSE		00:00
06:40	4ZTH	1	06:41	4ZTH		00:01
06:40	5EGC	1	06:42	5EGC		00:02
06:40	6RZM	1	06:43	6RZM		00:03
06:40	9FKL	1	06:43	9FKL		00:03
06:41	2GAX	1	06:44	2GAX		00:03
06:41	2NKA	1	06:44	2NKA		00:03
06:41	3FBT	1	06:41	3FBT		00:00
06:42	3KGY	1	06:44	3KGY		00:02
06:42	3VGE	1	06:42	3VGE		00:00
06:42	3OKP	2	06:43	3OKP		00:01
06:43	4HNG	1	06:43	4HNG		00:00
06:44	2FRK	1	06:44	2FRK		00:00
06:44	4DXJ	1	06:45	4DXJ		00:01
06:44	4ZBL	1	06:46	4ZBL		00:02
06:44	6HGN	1	06:45	6HGN		00:01
06:44	8TEO	2	06:44	8TEO		00:00
06:45	9ZNF	1	06:45	9ZNF		00:00
06:46	6ONZ	1	06:47	6ONZ		00:01
06:46	6VWC	1	06:47	6VWC		00:01
06:46	4JXH	1	06:46	4JXH		00:00
06:47	5NND	1	06:48	5NND	1	00:01
06:47	8BNE	1	06:49	8BNE		00:02
06:49	3OPX	1	06:50	3OPX	1	00:01
06:49	4HUZ	1	06:52	4HUZ		00:03
06:49	8ONB	1	06:50	8ONB		00:01
06:50	1OPN	1	06:52	1OPN		00:02
06:51	2OUC	1	06:53	2OUC		00:02
06:51	2WAV	1	06:53	2WAV		00:02
06:51	3SD	1	06:51	3SD		00:00
06:52	0XON	1	06:54	0XON		00:02
06:52	4USZ	1	06:53	4USZ		00:01
06:52	4ZZC	1	06:54	4ZZC		00:02
06:52	5UYB	1	06:54	5UYB		00:02
06:54	4XFL	1	06:54	4XFL		00:00
06:54	6DDV	1	06:56	6DDV		00:02
06:54	6JOP	1	06:55	6JOP		00:01
06:54	5WTR	1	06:55	5WTR		00:01
06:54	3SDE	2	06:54	3SDE		00:00
06:54	5GBT	2	06:54	5GBT		00:00
06:55	5THY	1	06:55	5THY		00:00
06:55	5LVH	1	06:56	5LVH		00:01
06:55	6WUP	1	06:57	6WUP		00:02

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
06:55	6LJO	1	06:59	6LJO		00:04
06:55	5YSL	1	06:58	5YSL		00:03
06:55	1FGJ	2	06:55	1FGJ		00:00
06:56	7ZF5	1	06:56	7ZF5		00:00
06:56	2PDK	1	06:56	2PDK		00:00
06:56	6RVO	1	06:59	6RVO		00:03
06:56	5YML	1	06:59	5YML		00:03
06:57	5HOB	1	06:57	5HOB		00:00
06:58	5CHH	1	06:58	5CHH		00:00
06:58	5VWD	1	06:58	5VWD		00:00
06:59	4YYO	1	06:59	4YYO		00:00
06:59	3KXR	1	06:59	3KXR		00:00
07:00	5RSY	1	07:00	5RSY		00:00
07:00	2RPV	1	07:00	2RPV		00:00
07:00	4VFL	1	07:04	4VFL		00:04
07:00	7USA	1	07:04	7USA		00:04
07:00	5OFK	2	07:00	5OFK		00:00
07:01	6OYC	1	07:01	6OYC		00:00
07:01	8WNN	1	07:01	8WNN		00:00
07:01	4KWW	1	07:01	4KWW		00:00
07:02	5ANE	1	07:04	5ANE		00:02
07:02	5AYS	1	07:04	5AYS		00:02
07:02	8GDO	2	07:02	8GDO		00:00
07:02	9ROF	2	07:02	9ROF		00:00
07:03	3VGE	1	07:04	3VGE	2	00:01
07:03	7AXR	1	07:03	7AXR		00:00
07:03	3EKH		07:03	3EKH	1	00:00
07:03	4LAA		07:03	4LAA	1	00:00
07:04	6YAP	1	07:04	6YAP		00:00
07:04	6YWK	1	07:04	6YWK		00:00
07:04	2TOL	1	07:04	2TOL		00:00
07:04	6EET	1	07:04	6EET		00:00
07:05	6HJS	1	07:06	6HJS		00:01
07:05	9JGE	1	07:07	9JGE		00:02
07:06	5KTC	1	07:06	5KTC		00:00
07:06	3PUK	1	07:06	3PUK		00:00
07:06	5VVJ	1	07:07	5VVJ		00:01
07:06	2VWU	1	07:07	2VWU		00:01
07:06	4XVY	1	07:06	4XVY	1	00:00
07:07	5DLE	1	07:07	5DLE		00:00
07:07	3BNX	1	07:08	3BNX		00:01
07:07	6BOA	2	07:08	6BOA		00:01
07:08	5KTP	1	07:08	5KTP		00:00
07:08	4KHX	1	07:08	4KHX		00:00
07:09	5VYU	1	07:09	5VYU		00:00
07:09	3NDU	1	07:09	3NDU		00:00
07:09	3FOJ	1	07:09	3FOJ		00:00
07:10	4RKO	1	07:10	4RKO		00:00
07:10	5AVK	1	07:10	5AVK		00:00
07:10	3SSV	1	07:10	3SSV		00:00
07:10	4VMC	1	07:10	4VMC		00:00
07:10	7YHR	1	07:10	7YHR		00:00
07:10	4XGD	1	07:12	4XGD		00:02
07:10	8JNN	1	07:12	8JNN		00:02
07:11	5NDX	1	07:11	5NDX		00:00
07:11	3HGG	2	07:11	3HGG	1	00:00
07:12	5UYD	1	07:12	5UYD	2	00:00
07:12	7FFU	2	07:13	7FFU		00:01
07:12	OBYJ	1	07:12	OBYJ	1	00:00
07:13	8VRP	1	07:16	8VRP		00:03
07:13	8GGA	1	07:13	8GGA	1	00:00



IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
07:14	OXON	1	07:14	OXON		00:00
07:14	1CZH	2	07:14	1CZH	1	00:00
07:15	8XCB	1	07:16	8XCB		00:01
07:15	4CSZ	1	07:16	4CSZ		00:01
07:15	5LGW	1	07:16	5LGW		00:01
07:16	2PLY	1	07:16	2PLY		00:00
07:16	OJWK	1	07:19	OJWK		00:03
07:16	2XLY	2	07:17	2XLY		00:01
07:17	4USZ	1	07:17	4USZ		00:00
07:17	6FTF	1	07:17	6FTF	1	00:00
07:18	6JOP	1	07:18	6JOP		00:00
07:18	8OCD	1	07:18	8OCD		00:00
07:18	5XKE	1	07:18	5XKE		00:00
07:18	6UUM	1	07:19	6UUM		00:01
07:19	4GKP		07:19	4GKP	1	00:00
07:20	4BMY	1	07:20	4BMY		00:00
07:20	1KOX	1	07:21	1KOX		00:01
07:21	5EGC	1	07:22	5EGC	1	00:01
07:21	5VXF	1	07:22	5VXF		00:01
07:21	2NKA	1	07:21	2NKA	1	00:00
07:22	8811	1	07:22	8811	1	00:00
07:23	6EZR	1	07:23	6EZR		00:00
07:23	6WRT	1	07:23	6WRT		00:00
07:23	2FYX	2	07:23	2FYX	1	00:00
07:23	3UNJ	1	07:23	3UNJ		00:00
07:24	1LAL	1	07:24	1LAL		00:00
07:24	155H	1	07:25	155H		00:01
07:24	2VKJ	1	07:25	2VKJ		00:01
07:24	5TDB	1	07:25	5TDB		00:01
07:24	7ZFG	1	07:26	7ZFG		00:02
07:25	1VOC	1	07:26	1VOC		00:01
07:25	4SXU	1	07:26	4SXU		00:01
07:25	7AXR	1	07:26	7AXR		00:01
07:25	6XLW	2	07:27	6XLW		00:02
07:25	5KZK		07:25	5KZK	2	00:00
07:26	4USF	1	07:28	4USF	1	00:02
07:26	5ZWP	1	07:26	5ZWP		00:00
07:26	6SWJ	1	07:27	6SWJ		00:01
07:27	3DLE	1	07:27	3DLE		00:00
07:27	3SSV	1	07:28	3SSV		00:01
07:27	6KDA		07:27	6KDA	2	00:00
07:29	4USC	1	07:29	4USC		00:00
07:30	5VMX	1	07:31	5VMX	1	00:01
07:30	6CDJ	1	07:30	6CDJ		00:00
07:30	1CPO		07:30	1CPO	1	00:00
07:30	5LKN	2	07:30	5LKN	1	00:00
07:30	9FKL	2	07:30	9FKL	1	00:00
07:30	2XLY	1	07:32	2XLY		00:02
07:31	8XON	1	07:31	8XON		00:00
07:31	5EGY	1	07:32	5EGY		00:01
07:31	3DWV	1	07:32	3DWV		00:01
07:31	2KNC	1	07:34	2KNC		00:03
07:31	5LFR	1	07:31	5LFR		00:00
07:32	3FOJ	1	07:34	3FOJ		00:02
07:32	1NVA	1	07:34	1NVA		00:02
07:32	6JOP	1	07:32	6JOP	2	00:00
07:32	3XOM	1	07:35	3XOM		00:03
07:33	2ONW	1	07:36	2ONW	1	00:03
07:33	4DLE	1	07:33	4DLE		00:00
07:33	7RNC	1	07:35	7RNC		00:02
07:33	3DSZ		07:33	3DSZ	1	00:00

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
07:35	3AYC	1	07:39	3AYC		00:04
07:35	5VMX	1	07:39	5VMX		00:04
07:35	4CBH	1	07:40	4CBH		00:05
07:35	1DCV	2	07:39	1DCV	2	00:04
07:35	3JOV		07:37	3JOV	1	00:02
07:36	2MKJ	1	07:39	2MKJ		00:03
07:36	4OWU	1	07:40	4OWU		00:04
07:36	9VED	2	07:36	9VED		00:00
07:36	7TTC		07:40	7TTC	1	00:04
07:37	7SNT		07:37	7SNT	1	00:00
07:37	4YOG		07:37	4YOG	1	00:00
07:38	5JSJ	1	07:38	5JSJ		00:00
07:38	5VLS	1	07:38	5VLS	2	00:00
07:40	3SAR	1	07:40	3SAR		00:00
07:40	4DXJ	1	07:40	4DXJ	1	00:00
07:40	OWLC	1	07:40	OWLC	1	00:00
07:41	6UBY	1	07:41	6UBY		00:00
07:41	5WTR	1	07:41	5WTR		00:00
07:41	5KDF	1	07:41	5KDF	1	00:00
07:41	1OPN	1	07:41	1OPN	1	00:00
07:42	4YNH		07:45	4YNH	1	00:03
07:42	7BUO		07:42	7BUO	1	00:00
07:42	9EZX	1	07:42	9EZX	1	00:00
07:43	3YMD		07:43	3YMD	1	00:00
07:43	7BJW	1	07:43	7BJW	1	00:00
07:44	6YRO	1	07:44	6YRO		00:00
07:44	5AUA	1	07:44	5AUA		00:00
07:45	4JZU	1	07:45	4JZU		00:00
07:45	4JXH		07:45	4JXH	1	00:00
07:45	8TEO	1	07:45	8TEO	1	00:00
07:46	4JWK		07:46	4JWK	1	00:00
07:47	7KDF		07:47	7KDF	1	00:00
07:48	2XRP	1	07:48	2XRP		00:00
07:48	9SAC	2	07:48	9SAC		00:00
07:48	4VBD		07:48	4VBD	1	00:00
07:48	15SH	1	07:48	15SH	1	00:00
07:49	8TSC	1	07:49	8TSC	1	00:00
07:50	3EKH		07:50	3EKH	1	00:00
07:50	2TOL		07:50	2TOL	1	00:00
07:50	5LZO		07:50	5LZO	1	00:00
07:50	7XOH		07:50	7XOH	2	00:00
07:51	4XCJ	1	07:51	4XCJ		00:00
07:53	3SSV	1	07:53	3SSV		00:00
07:53	8SCX	1	07:53	8SCX		00:00
07:53	7UYA		07:58	7UYA	3	00:05
07:54	8WNL		07:56	8WNL	1	00:02
07:55	2BSH	1	07:55	2BSH		00:00
07:55	2YMF		07:59	2YMF	1	00:04
07:55	4SYT	1	07:55	4SYT	1	00:00
07:56	9JXM	1	07:57	9JXM		00:01
07:56	9ROF	3	07:56	9ROF		00:00
07:56	4YLL		07:57	4YLL	1	00:01
07:56	3CVY	1	07:59	3CVY	1	00:03
07:57	5VLS	1	07:59	5VLS		00:02
07:57	7VRP		07:59	7VRP	1	00:02
07:57	5DLE		07:59	5DLE	1	00:02
07:57	5LUD		07:59	5LUD	1	00:02
07:57	2JWK	1	07:59	2JWK	1	00:02
07:58	6GOA		08:00	6GOA	3	00:02
07:58	5JLL	1	07:58	5JLL	2	00:00
07:58	8OFE	1	08:00	8OFE	1	00:02

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
08:00	4ZHX	2	08:01	4ZHX	1	00:01
08:01	3HGG		08:02	3HGG	1	00:01
08:01	1MNE	1	08:02	1MNE		00:01
08:02	4VTN		08:03	4VTN	1	00:01
08:02	8YOX	1	08:03	8YOX		00:01
08:03	7TTC		08:04	7TTC	1	00:01
08:03	7SBF		08:06	7SBF	1	00:03
08:03	8JBN	1	08:05	8JBN		00:02
08:04	1RLU	2	08:06	1RLU		00:02
08:04	1KOX		08:05	1KOX	1	00:01
08:04	2WAU		08:07	2WAU	1	00:03
08:04	2MGJ		08:07	2MGJ	1	00:03
08:04	OOAG	1	08:07	OOAG	2	00:03
08:05	3VTG		08:06	3VTG	1	00:01
08:05	6PTN		08:05	6PTN	1	00:00
08:05	9UON		08:07	9UON	1	00:02
08:06	6KDA	1	08:08	6KDA		00:02
08:07	2PDV		08:10	2PDV	2	00:03
08:07	2XLZ		08:08	2XLZ	1	00:01
08:07	4YLL	1	08:08	4YLL	1	00:01
08:07	5UYD	1	08:09	5UYD	2	00:02
08:08	8XON	1	08:10	8XON	1	00:02
08:08	1XOP		08:08	1XOP	1	00:00
08:08	7UXJ		08:08	7UXJ	1	00:00
08:08	4DLE		08:10	4DLE	1	00:02
08:08	5KSX		08:10	5KSX	1	00:02
08:08	4XRC		08:10	4XRC	1	00:02
08:08	1MUW		08:09	1MUW	1	00:01
08:08	7SNT		08:09	7SNT	1	00:01
08:08	4YMU		08:09	4YMU	1	00:01
08:09	3XOM		08:10	3XOM	1	00:01
08:09	6EZP		08:10	6EZP	1	00:01
08:09	4DOX	1	08:11	4DOX		00:02
08:09	8YGU		08:11	8YGU	1	00:02
08:09	4CBH		08:13	4CBH	1	00:04
08:10	4USC		08:12	4USC	1	00:02
08:10	5WRZ		08:14	5WRZ	1	00:04
08:10	3PVM	1	08:14	3PVM	1	00:04
08:10	4EON		08:13	4EON	1	00:03
08:10	7JOF	1	08:11	7JOF		00:01
08:11	7XOH		08:14	7XOH	1	00:03
08:11	4SXU		08:14	4SXU	1	00:03
08:11	9VED		08:12	9VED	3	00:01
08:11	OJWK		08:13	OJWK	1	00:02
08:12	8THS		08:12	8THS	1	00:00
08:12	7BJW		08:13	7BJW	1	00:01
08:13	6LOF		08:13	6LOF	1	00:00
08:14	2XRP		08:14	2XRP	2	00:00
08:14	8JAV	1	08:14	8JAV	1	00:00
08:14	OAXP		08:16	OAXP	1	00:02
08:15	7EBG		08:17	7EBG	1	00:02
08:16	7JCA		08:17	7JCA	1	00:01
08:16	6EJP	1	08:18	6EJP		00:02
08:17	7USA		08:18	7USA	1	00:01
08:18	5GAE		08:19	5GAE	1	00:01
08:18	2TOL		08:19	2TOL	1	00:01
08:18	OHSJ		08:19	OHSJ	1	00:01
08:18	4JWK		08:19	4JWK	1	00:01
08:19	3NXA	1	08:21	3NXA		00:02
08:19	6ETA	2	08:21	6ETA		00:02
08:19	1AEW		08:19	1AEW	1	00:00

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
08:19	5DLE		08:19	5DLE	1	00:00
08:19	3EKH		08:19	3EKH	1	00:00
08:19	4HNB		08:22	4HNB	1	00:03
08:20	4CXY		08:20	4CXY	1	00:00
08:20	8TEO		08:20	8TEO	1	00:00
08:20	2JWK		08:20	2JWK	1	00:00
08:20	2WEO		08:20	2WEO	1	00:00
08:21	4BEA	1	08:21	4BEA		00:00
08:21	4KPL		08:21	4KPL	1	00:00
08:21	9EZK	1	08:22	9EZK		00:01
08:22	OTAX	1	08:23	OTAX		00:01
08:22	5YOG	1	08:23	5YOG		00:01
08:22	4JXH	1	08:23	4JXH		00:01
08:22	7FOT		08:25	7FOT	1	00:03
08:22	4VDO		08:22	4VDO	1	00:00
08:23	7DOX		08:24	7DOX	1	00:01
08:24	6PTN	1	08:25	6PTN		00:01
08:24	4DOX		08:25	4DOX	2	00:01
08:24	OEAV		08:24	OEAV	1	00:00
08:25	2PDV	1	08:25	2PDV		00:00
08:25	8JBN		08:25	8JBN	1	00:00
08:25	3HGG		08:27	3HGG	1	00:02
08:25	5VFA		08:25	5VFA	2	00:00
08:25	1KOX		08:25	1KOX	5	00:00
08:25	OJWK		08:26	OJWK	1	00:01
08:25	5WGH		08:26	5WGH	1	00:01
08:26	8TNF		08:27	8TNF	1	00:01
08:26	2XLZ		08:27	2XLZ	1	00:01
08:26	8XON		08:27	8XON	1	00:01
08:26	1XOP	1	08:26	1XOP		00:00
08:26	4MXS		08:26	4MXS	1	00:00
08:26	7UYA		08:26	7UYA	1	00:00
08:26	6BLO		08:28	6BLO	2	00:02
08:27	4CBH		08:29	4CBH	1	00:02
08:27	7XOH		08:28	7XOH	1	00:01
08:27	7BJW		08:28	7BJW	2	00:01
08:28	3MOA		08:29	3MOA	1	00:01
08:28	8THS		08:29	8THS	2	00:01
08:28	9VED		08:30	9VED	1	00:02
08:28	1MUW		08:30	1MUW	1	00:02
08:28	3VGE		08:31	3VGE	1	00:03
08:28	4ESF		08:31	4ESF	1	00:03
08:28	8VWV		08:31	8VWV	1	00:03
08:28	1MOA		08:30	1MOA	3	00:02
08:29	7FOT		08:29	7FOT	1	00:00
08:29	6XOG	2	08:31	6XOG		00:02
08:29	2FPU		08:30	2FPU	1	00:01
08:29	5KSX		08:30	5KSX	2	00:01
08:29	6KDA		08:30	6KDA	3	00:01
08:31	7ROF	1	08:34	7ROF		00:03
08:31	9VON		08:31	9VON	1	00:00
08:31	3PVM		08:31	3PVM	1	00:00
08:32	7YNU	1	08:32	7YNU		00:00
08:32	8JLR	1	08:32	8JLR		00:00
08:32	1AEW		08:32	1AEW	1	00:00
08:32	5DLE		08:32	5DLE	1	00:00
08:32	6PFJ		08:32	6PFJ	1	00:00
08:33	7EEN		08:33	7EEN	1	00:00
08:33	1ORK		08:33	1ORK	1	00:00
08:34	9KOM	1	08:34	9KOM		00:00
08:34	4HLE		08:34	4HLE	1	00:00

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
08:34	6LYP		08:34	6LYP	1	00:00
08:34	8811		08:34	8811	1	00:00
08:34	8WNL		08:34	8WNL	1	00:00
08:34	5UYD		08:34	5UYD	2	00:00
08:34	2LJC		08:34	2LJC	2	00:00
08:35	2XRP		08:35	2XRP	1	00:00
08:35	5VPF		08:35	5VPF	1	00:00
08:35	4EON		08:40	4EON	1	00:05
08:36	9EZX	1	08:36	9EZX		00:00
08:36	5UYD		08:36	5UYD	1	00:00
08:36	1RPN		08:36	1RPN	1	00:00
08:36	4USC		08:36	4USC	1	00:00
08:36	7USA		08:40	7USA	4	00:04
08:37	7NYU	1	08:40	7NYU		00:03
08:37	7XOH		08:37	7XOH	1	00:00
08:37	4OFX		08:37	4OFX	1	00:00
08:38	4BEA	1	08:38	4BEA		00:00
08:38	3DLE	1	08:40	3DLE		00:02
08:38	5WGH	2	08:38	5WGH		00:00
08:38	7FEF		08:38	7FEF	2	00:00
08:38	6LOF		08:40	6LOF	2	00:02
08:38	4JWK		08:40	4JWK	4	00:02
08:39	8TEO	1	08:41	8TEO		00:02
08:39	7KOX	1	08:39	7KOX		00:00
08:39	2JWK	3	08:39	2JWK		00:00
08:39	OJWK		08:39	OJWK	1	00:00
08:39	7FHE		08:39	7FHE	1	00:00
08:39	5JLL		08:41	5JLL	1	00:02
08:39	2PDV		08:41	2PDV	1	00:02
08:39	ORLH		08:41	ORLH	1	00:02
08:39	3AHY		08:39	3AHY	2	00:00
08:39	7VZA		08:39	7VZA	2	00:00
08:39	8XON		08:40	8XON	2	00:01
08:39	5KPT		08:41	5KPT	2	00:02
08:39	7ESF		08:40	7ESF	5	00:01
08:40	5TGX		08:40	5TGX	1	00:00
08:40	4DOX		08:41	4DOX	1	00:01
08:41	8YGU		08:42	8YGU	1	00:01
08:41	3FOJ		08:42	3FOJ	1	00:01
08:41	7SNT		08:42	7SNT	1	00:01
08:42	9ROF		08:43	9ROF	1	00:01
08:42	5EGC		08:44	5EGC	1	00:02
08:42	3MOA		08:45	3MOA	1	00:03
08:42	6XOG		08:45	6XOG	1	00:03
08:42	5LGY		08:43	5LGY	2	00:01
08:43	2MGJ	1	08:44	2MGJ		00:01
08:43	6BLO		08:45	6BLO	1	00:02
08:43	5MWF		08:46	5MWF	1	00:03
08:44	7JCA		08:45	7JCA	1	00:01
08:44	7FYP		08:47	7FYP	1	00:03
08:45	3HGG	1	08:47	3HGG		00:02
08:45	5LGW		08:45	5LGW	2	00:00
08:46	9UON		08:48	9UON	1	00:02
08:47	6EJP		08:50	6EJP	1	00:03
08:47	3JOV		08:47	3JOV	2	00:00
08:47	6PTN		08:48	6PTN	1	00:01
08:48	OOAG	1	08:49	OOAG		00:01
08:48	5NBE		08:49	5NBE	1	00:01
08:48	5FJC		08:49	5FJC	1	00:01
08:48	1RPN		08:49	1RPN	2	00:01
08:48	7UYA		08:48	7UYA	1	00:00

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
08:48	8JBN		08:50	8JBN	1	00:02
08:49	2YMF		08:51	2YMF	1	00:02
08:49	5JLH		08:50	5JLH	1	00:01
08:49	6DXP		08:50	6DXP	1	00:01
08:50	2OYL	1	08:52	2OYL		00:02
08:50	7EEN		08:52	7EEN	1	00:02
08:51	9KEW		08:53	9KEW	1	00:02
08:52	4HLE		08:53	4HLE	1	00:01
08:52	8VUW		08:54	8VUW	1	00:02
08:52	3YME		08:54	3YME	1	00:02
08:52	1XOP		08:54	1XOP	1	00:02
08:52	7DOX		08:56	7DOX	2	00:04
08:53	OTLX		08:57	OTLX	1	00:04
08:53	5KSX		08:57	5KSX	5	00:04
08:53	9PBU		08:56	9PBU	1	00:03
08:53	5UYD		08:56	5UYD	1	00:03
08:54	2KNC		08:55	2KNC	1	00:01
08:54	8TNF		08:55	8TNF	1	00:01
08:54	9YBE		08:57	9YBE	1	00:03
08:54	OORL	1	08:54	OORL		00:00
08:54	3PVM		08:56	3PVM	1	00:02
08:56	6KDA		08:58	6KDA	1	00:02
08:56	8811		08:58	8811	1	00:02
08:56	8EHT		08:56	8EHT	2	00:00
08:57	5DLE		08:57	5DLE	2	00:00
08:57	1MUW		08:59	1MUW	2	00:02
08:57	2XRP	1	08:57	2XRP	1	00:00
08:57	2TOL		08:58	2TOL	1	00:01
08:58	6LYP		08:59	6LYP	1	00:01
08:59	5TDA		08:59	5TDA	1	00:00
08:59	1ALD		09:00	1ALD	1	00:01
08:59	4DOX		09:00	4DOX	1	00:01
08:59	2UGU		09:00	2UGU	1	00:01
08:59	8YFY		09:00	8YFY	1	00:01
09:00	6EAW		09:02	6EAW	1	00:02
09:00	2AGU	1	09:03	2AGU		00:03
09:01	8HMY		09:01	8HMY	1	00:00
09:01	2KHN		09:01	2KHN	1	00:00
09:01	5JLL		09:01	5JLL	1	00:00
09:01	1ORK		09:01	1ORK	1	00:00
09:01	4CXY	1	09:01	4CXY	1	00:00
09:01	OOYB	1	09:03	OOYB	1	00:02
09:02	9EZX		09:02	9EZX	1	00:00
09:02	5FBF		09:02	5FBF	1	00:00
09:02	4BEA		09:02	4BEA	1	00:00
09:02	4EON		09:03	4EON	1	00:01
09:02	2JOJ		09:05	2JOJ	1	00:03
09:02	2TDM	1	09:03	2TDM	1	00:01
09:03	ORLH		09:04	ORLH	1	00:01
09:03	2XLZ		09:04	2XLZ	1	00:01
09:03	7KOX		09:04	7KOX	2	00:01
09:03	OOAN	1	09:03	OOAN		00:00
09:04	1JTY		09:04	1JTY	1	00:00
09:04	8PPF		09:04	8PPF	1	00:00
09:04	6KZA	1	09:05	6KZA		00:01
09:05	6XKL		09:06	6XKL	1	00:01
09:05	4JWK	1	09:06	4JWK		00:01
09:05	8JLR		09:05	8JLR	1	00:00
09:05	2VYU		09:07	2VYU	1	00:02
09:05	6LOF	1	09:05	6LOF	1	00:00
09:05	5SHX	2	09:05	5SHX		00:00

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
09:06	OUAS		09:06	OUAS	1	00:00
09:06	5VAV		09:06	5VAV	1	00:00
09:06	8OFE		09:06	8OFE	1	00:00
09:06	2CVC		09:08	2CVC	1	00:02
09:06	8TEO		09:08	8TEO	2	00:02
09:06	8JBN	1	09:09	8JBN		00:03
09:06	5JLL		09:07	5JLL	1	00:01
09:06	4LGT		09:07	4LGT	1	00:01
09:06	6SJX		09:07	6SJX	1	00:01
09:06	2JWK		09:07	2JWK	1	00:01
09:06	5EVW		09:07	5EVW	1	00:01
09:06	3PGW		09:07	3PGW	1	00:01
09:06	8YOG		09:09	8YOG	1	00:03
09:06	4BBY	1	09:09	4BBY		00:03
09:06	5JLH	1	09:09	5JLH		00:03
09:07	3MOA		09:08	3MOA	1	00:01
09:07	6OAT	1	09:08	6OAT	1	00:01
09:07	3FOJ		09:09	3FOJ	1	00:02
09:07	5KSS		09:09	5KSS	1	00:02
09:07	6BOA		09:09	6BOA	1	00:02
09:07	6JCS	1	09:09	6JCS		00:02
09:08	5XON		09:09	5XON	1	00:01
09:08	1CZH		09:09	1CZH	2	00:01
09:08	1MOA	1	09:09	1MOA	1	00:01
09:09	3PVM		09:10	3PVM	1	00:01
09:09	3VRG		09:10	3VRG	2	00:01
09:09	5TGC	1	09:10	5TGC		00:01
09:09	4TEJ		09:09	4TEJ	1	00:00
09:09	7ESF		09:09	7ESF	1	00:00
09:09	7NPO		09:09	7NPO	2	00:00
09:10	8JAV		09:10	8JAV	1	00:00
09:10	9EYG		09:12	9EYG	1	00:02
09:10	5JLL		09:11	5JLL	1	00:01
09:10	7ROF	1	09:11	7ROF	2	00:01
09:11	7JCA		09:12	7JCA	1	00:01
09:11	6AHU		09:12	6AHU	1	00:01
09:11	2NJX		09:12	2NJX	1	00:01
09:11	5TGX	1	09:12	5TGX	1	00:01
09:11	8XON		09:11	8XON	1	00:00
09:11	OEAV		09:11	OEAV	1	00:00
09:11	6EJP		09:11	6EJP	1	00:00
09:11	1JXA	1	09:13	1JXA		00:02
09:12	7SBF		09:14	7SBF	2	00:02
09:12	2PDV		09:13	2PDV	1	00:01
09:13	5WGH		09:14	5WGH	1	00:01
09:13	4GVP		09:15	4GVP	1	00:02
09:13	1RPN		09:16	1RPN	1	00:03
09:13	8TNF		09:16	8TNF	2	00:03
09:14	8WNL		09:15	8WNL	1	00:01
09:14	9KEW		09:16	9KEW	1	00:02
09:14	8XOG		09:17	8XOG	1	00:03
09:14	9VED		09:15	9VED	2	00:01
09:14	8AAV		09:15	8AAV	3	00:01
09:14	8OBG	1	09:16	8OBG		00:02
09:14	6WGH	2	09:16	6WGH	2	00:02
09:15	6BLO		09:15	6BLO	1	00:00
09:17	7POV		09:20	7POV	1	00:03
09:17	4HLE		09:17	4HLE	1	00:00
09:17	3JOV		09:17	3JOV	1	00:00
09:17	1FMV		09:17	1FMV	1	00:00
09:18	5FBF	1	09:18	5FBF		00:00

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
09:18	4BUP		09:18	4BUP	1	00:00
09:18	7EEN		09:18	7EEN	1	00:00
09:18	8SHP		09:18	8SHP	1	00:00
09:18	1AEW	1	09:18	1AEW	2	00:00
09:19	8HMY		09:19	8HMY	1	00:00
09:19	4ESF		09:19	4ESF	1	00:00
09:19	4CZH		09:19	4CZH	1	00:00
09:19	2KGA		09:19	2KGA	1	00:00
09:19	2XRP		09:19	2XRP	3	00:00
09:19	4TWM	1	09:19	4TWM	1	00:00
09:21	4KXU	1	09:21	4KXU	1	00:00
09:21	4VBD	1	09:21	4VBD		00:00
09:22	5LGY	1	09:22	5LGY		00:00
09:22	1XOP	1	09:22	1XOP		00:00
09:22	4BJO		09:22	4BJO	1	00:00
09:22	7UYA		09:22	7UYA	1	00:00
09:22	8YGU		09:22	8YGU	1	00:00
09:22	8EHT		09:22	8EHT	1	00:00
09:22	3KXR		09:22	3KXR	2	00:00
09:22	1ORK		09:22	1ORK	2	00:00
09:22	8811		09:22	8811	2	00:00
09:22	7NYU	1	09:22	7NYU		00:00
09:22	7FFU	1	09:22	7FFU	1	00:00
09:22	3APO	1	09:22	3APO	2	00:00
09:25	1GMG		09:30	1GMG	1	00:05
09:26	5UKU		09:26	5UKU	1	00:00
09:26	8VUW		09:30	8VUW	1	00:04
09:26	4LGC		09:28	4LGC	2	00:02
09:27	3YMD	1	09:27	3YMD		00:00
09:27	6OFX	1	09:27	6OFX		00:00
09:27	1810		09:30	1810	1	00:03
09:27	7EJJ	1	09:27	7EJJ		00:00
09:28	3HGG		09:28	3HGG	1	00:00
09:28	2KNC		09:29	2KNC	1	00:01
09:28	4KRX		09:29	4KRX	1	00:01
09:28	6OOA		09:30	6OOA	1	00:02
09:28	4JWK		09:30	4JWK	5	00:02
09:29	5SHW	1	09:29	5SHW	1	00:00
09:29	7OWU	1	09:31	7OWU		00:02
09:29	7WNL		09:31	7WNL	1	00:02
09:29	2KHN		09:31	2KHN	1	00:02
09:29	1PGO		09:31	1PGO	1	00:02
09:29	1RLU		09:31	1RLU	5	00:02
09:30	6LEF		09:32	6LEF	1	00:02
09:30	1SSG	1	09:33	1SSG		00:03
09:30	7BLO		09:33	7BLO	1	00:03
09:30	4UWS		09:33	4UWS	1	00:03
09:30	8EBD		09:33	8EBD	1	00:03
09:30	9EZX	1	09:31	9EZX	1	00:01
09:31	9ROF		09:32	9ROF	1	00:01
09:31	5KSX		09:32	5KSX	1	00:01
09:31	3AHY		09:32	3AHY	1	00:01
09:31	4CXY		09:32	4CXY	1	00:01
09:31	OXOM	1	09:32	OXOM	1	00:01
09:31	5SHX	1	09:32	5SHX		00:01
09:31	4NBU		09:33	4NBU	1	00:02
09:32	1ALD		09:34	1ALD	1	00:02
09:32	2MGJ		09:34	2MGJ	1	00:02
09:32	8EZT		09:33	8EZT	2	00:01
09:33	5VAV		09:36	5VAV	1	00:03
09:33	2UGU	1	09:34	2UGU		00:01



IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
09:33	1MGS		09:34	1MGS	2	00:01
09:33	9UON	1	09:36	9UON	1	00:03
09:33	5JSF		09:33	5JSF	1	00:00
09:33	6KDA		09:35	6KDA	1	00:02
09:34	4DUJ		09:36	4DUJ	1	00:02
09:34	4ESN		09:34	4ESN	1	00:00
09:34	OVUT		09:34	OVUT	1	00:00
09:34	2ZDZ		09:36	2ZDZ	1	00:02
09:34	1RYX		09:35	1RYX	1	00:01
09:34	OJWK		09:35	OJWK	1	00:01
09:34	5JLL		09:35	5JLL	2	00:01
09:35	4BEA		09:36	4BEA	1	00:01
09:35	OUAS		09:36	OUAS	2	00:01
09:36	8JOP		09:36	8JOP	1	00:00
09:36	2NNE		09:37	2NNE	1	00:01
09:36	4ROF		09:37	4ROF	1	00:01
09:36	5EVW		09:37	5EVW	1	00:01
09:36	6PTN		09:37	6PTN	3	00:01
09:36	6OAT	1	09:39	6OAT	1	00:03
09:37	2TOL		09:37	2TOL	1	00:00
09:38	1MUW		09:38	1MUW	1	00:00
09:38	4TPF		09:38	4TPF	1	00:00
09:38	5HBY		09:38	5HBY	1	00:00
09:38	OEAV		09:39	OEAV	1	00:01
09:38	6VBT		09:39	6VBT	1	00:01
09:39	3ZDN		09:40	3ZDN	1	00:01
09:39	5LUO	1	09:40	5LUO	1	00:01
09:39	ORLH	1	09:41	ORLH		00:02
09:39	6XOG		09:39	6XOG	1	00:00
09:40	7ROF	1	09:40	7ROF		00:00
09:40	5XBO		09:40	5XBO	1	00:00
09:40	4DOX		09:42	4DOX	1	00:02
09:40	8SHP	1	09:40	8SHP	1	00:00
09:40	5UHV	1	09:42	5UHV	1	00:02
09:40	2YDS	1	09:41	2YDS		00:01
09:40	2TOA		09:41	2TOA	1	00:01
09:40	6NGA		09:41	6NGA	2	00:01
09:41	3TDA	1	09:42	3TDA		00:01
09:41	3OKP		09:42	3OKP	1	00:01
09:41	1MNE		09:42	1MNE	1	00:01
09:41	8XON		09:44	8XON	1	00:03
09:41	4HDZ		09:42	4HDZ	2	00:01
09:41	6YKA	2	09:42	6YKA	2	00:01
09:41	8XOG		09:43	8XOG	1	00:02
09:42	5JLH		09:42	5JLH	1	00:00
09:42	8JLR		09:44	8JLR	1	00:02
09:42	3MOA		09:44	3MOA	1	00:02
09:42	8THS		09:43	8THS	1	00:01
09:42	2JWK		09:43	2JWK	1	00:01
09:42	3SJA		09:45	3SJA	2	00:03
09:42	6WGH	1	09:45	6WGH		00:03
09:43	6PNL		09:45	6PNL	1	00:02
09:45	5OSN		09:45	5OSN	1	00:00
09:45	4GFL		09:48	4GFL	1	00:03
09:45	3GWK	1	09:45	3GWK	4	00:00
09:46	6EAW	1	09:46	6EAW		00:00
09:46	9EYG		09:46	9EYG	1	00:00
09:46	7TFV	1	09:46	7TFV	1	00:00
09:46	9YLU	1	09:46	9YLU	2	00:00
09:47	3JOV		09:47	3JOV	1	00:00
09:47	7ESF		09:47	7ESF	1	00:00

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
09:47	5XON		09:47	5XON	2	00:00
09:47	4YTM		09:47	4YTM	2	00:00
09:47	8KGU		09:47	8KGU	3	00:00
09:47	6OHA		09:47	6OHA	4	00:00
09:47	5WGH	1	09:47	5WGH	1	00:00
09:48	8WNL		09:53	8WNL	1	00:05
09:48	1FMV	1	09:48	1FMV		00:00
09:48	4GVP		09:48	4GVP	1	00:00
09:48	OZNG		09:48	OZNG	2	00:00
09:49	4KVJ		09:49	4KVJ	1	00:00
09:49	4EON		09:49	4EON	1	00:00
09:49	4HLE		09:49	4HLE	1	00:00
09:49	8KVB		09:53	8KVB	1	00:04
09:49	7KOX		09:49	7KOX	2	00:00
09:50	6VRF	1	09:53	6VRF		00:03
09:50	8HMY	1	09:52	8HMY		00:02
09:50	1AEW		09:50	1AEW	1	00:00
09:50	6AHU		09:50	6AHU	1	00:00
09:50	1AOM		09:50	1AOM	1	00:00
09:50	SBNE		09:50	SBNE	1	00:00
09:50	8TNF		09:50	8TNF	1	00:00
09:50	1GMS	1	09:50	1GMS	1	00:00
09:51	6JCS	1	09:51	6JCS		00:00
09:51	OOAN		09:51	OOAN	1	00:00
09:51	1LTY		09:51	1LTY	1	00:00
09:51	3LGO		09:51	3LGO	1	00:00
09:51	8TEO		09:51	8TEO	1	00:00
09:51	1JXA		09:51	1JXA	1	00:00
09:51	1BOH		09:51	1BOH	2	00:00
09:51	4ESF		09:52	4ESF	1	00:01
09:51	4XOG		09:52	4XOG	1	00:01
09:52	8JBN		09:52	8JBN	1	00:00
09:52	8811		09:54	8811	1	00:02
09:52	1PGO		09:54	1PGO	1	00:02
09:52	9HDX		09:54	9HDX	1	00:02
09:52	4HOB		09:54	4HOB	2	00:02
09:52	5TDA	1	09:54	5TDA	1	00:02
09:53	OSYW		09:55	OSYW	1	00:02
09:53	2XLZ	1	09:55	2XLZ	1	00:02
09:54	2GXL	1	09:55	2GXL		00:01
09:54	5TGC		09:57	5TGC	1	00:03
09:54	1RLU	2	09:57	1RLU	1	00:03
09:54	4CZH	1	09:57	4CZH		00:03
09:54	1RPN	1	09:55	1RPN		00:01
09:54	9JVP		09:56	9JVP	1	00:02
09:54	5RSY	1	09:55	5RSY	1	00:01
09:55	4TWM	1	09:56	4TWM		00:01
09:55	2MJO		09:57	2MJO	1	00:02
09:55	1XOP		09:56	1XOP	1	00:01
09:55	6LOF		09:56	6LOF	1	00:01
09:55	5LGY		09:56	5LGY	1	00:01
09:55	8YGU		09:56	8YGU	1	00:01
09:55	1SHW		09:58	1SHW	2	00:03
09:56	6LYP		09:59	6LYP	3	00:03
09:56	7BJW		09:56	7BJW	1	00:00
09:56	1RLU		09:58	1RLU	2	00:02
09:56	7RNC		09:58	7RNC	2	00:02
09:57	7FPT		09:59	7FPT	1	00:02
09:57	8EHT		09:58	8EHT	1	00:01
09:57	3HGC		09:58	3HGC	1	00:01
09:58	5GAE		09:59	5GAE	1	00:01

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
09:58	4EAM		09:59	4EAM	1	00:01
09:58	5JLL		09:59	5JLL	1	00:01
09:58	8YOG		10:00	8YOG	1	00:02
09:58	5GSS		09:59	5GSS	2	00:01
09:58	OSVV		09:58	OSVV	1	00:00
09:58	3AHY		10:00	3AHY	1	00:02
09:58	5SHX		09:58	5SHX	2	00:00
09:59	5DLE		10:00	5DLE	1	00:01
09:59	8JAV		10:01	8JAV	1	00:02
09:59	1KBL		10:01	1KBL	1	00:02
09:59	9ROF		10:01	9ROF	1	00:02
09:59	3UFJ		10:03	3UFJ	1	00:04
10:00	5JGD		10:02	5JGD	1	00:02
10:00	1KOX		10:02	1KOX	1	00:02
10:00	8YOX		10:03	8YOX	1	00:03
10:00	4JWK		10:03	4JWK	1	00:03
10:00	8TGA		10:04	8TGA	1	00:04
10:00	OEAV		10:04	OEAV	1	00:04
10:00	7XOH	1	10:03	7XOH	1	00:03
10:00	9EGY		10:01	9EGY	1	00:01
10:01	9EZX		10:02	9EZX	1	00:01
10:01	6SJX		10:03	6SJX	1	00:02
10:02	3XOM		10:02	3XOM	1	00:00
10:02	6EJP		10:03	6EJP	1	00:01
10:03	5JLL		10:03	5JLL	1	00:00
10:03	8TGA		10:05	8TGA	1	00:02
10:03	OJWK		10:05	OJWK	1	00:02
10:03	4WVB		10:05	4WVB	2	00:02
10:04	9UON		10:04	9UON	1	00:00
10:04	3PVM		10:04	3PVM	1	00:00
10:04	OEAV		10:05	OEAV	1	00:01
10:04	3ZJU		10:05	3ZJU	1	00:01
10:05	6BOA		10:05	6BOA	1	00:00
10:05	6LDA		10:06	6LDA	2	00:01
10:05	6XOG		10:06	6XOG	2	00:01
10:05	6KDA		10:06	6KDA	3	00:01
10:05	4ROF	1	10:08	4ROF	1	00:03
10:06	2TOZ		10:07	2TOZ	1	00:01
10:06	2MGJ		10:08	2MGJ	1	00:02
10:06	4BEA		10:08	4BEA	1	00:02
10:07	1SSG		10:07	1SSG	1	00:00
10:07	4XRC		10:07	4XRC	1	00:00
10:07	5NZJ		10:07	5NZJ	1	00:00
10:07	4SHX		10:07	4SHX	1	00:00
10:07	1CNF		10:07	1CNF	2	00:00
10:07	5XCJ		10:08	5XCJ	2	00:01
10:07	5WTR	1	10:07	5WTR		00:00
10:07	6YKA	1	10:07	6YKA		00:00
10:08	1WVM	1	10:08	1WVM		00:00
10:08	9VED	1	10:09	9VED		00:01
10:08	2NNE		10:09	2NNE	1	00:01
10:08	5JSJ		10:09	5JSJ	1	00:01
10:08	4EGX		10:11	4EGX	1	00:03
10:08	9EZT		10:08	9EZT	2	00:00
10:08	ORLH		10:09	ORLH	2	00:01
10:10	1NME		10:10	1NME	1	00:00
10:10	4DUJ		10:10	4DUJ	1	00:00
10:10	4CMA		10:10	4CMA	1	00:00
10:10	4JXH		10:11	4JXH	1	00:01
10:11	6OAT		10:11	6OAT	1	00:00
10:11	8XOG		10:11	8XOG	1	00:00

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
10:11	OAXP		10:12	OAXP	1	00:01
10:11	5EVW		10:12	5EVW	1	00:01
10:12	4JLH	1	10:12	4JLH		00:00
10:12	7BLO	1	10:14	7BLO		00:02
10:12	4RHU		10:12	4RHU	1	00:00
10:12	1WXF		10:12	1WXF	1	00:00
10:12	3SJA		10:13	3SJA	1	00:01
10:12	5ZYC		10:13	5ZYC	1	00:01
10:12	4GVP		10:13	4GVP	2	00:01
10:13	6PXZ		10:14	6PXZ	2	00:01
10:13	5JLH		10:15	5JLH	2	00:02
10:13	OCCY	1	10:14	OCCY	1	00:01
10:14	6FOJ		10:15	6FOJ	1	00:01
10:14	6PTN	1	10:15	6PTN		00:01
10:14	4NBU		10:16	4NBU	1	00:02
10:15	7ESF		10:17	7ESF	1	00:02
10:15	OEGY		10:16	OEGY	1	00:01
10:15	8THS		10:16	8THS	1	00:01
10:16	6BLO		10:17	6BLO	1	00:01
10:16	3JOV		10:19	3JOV	1	00:03
10:16	2JWK		10:19	2JWK	1	00:03
10:16	8TGE		10:19	8TGE	2	00:03
10:16	5LGW		10:16	5LGW	1	00:00
10:16	4DOX		10:18	4DOX	1	00:02
10:16	8JLR		10:18	8JLR	1	00:02
10:17	7JCA		10:19	7JCA	1	00:02
10:17	6NGA		10:18	6NGA	1	00:01
10:17	9KEW		10:20	9KEW	2	00:03
10:19	8COJ		10:20	8COJ	1	00:01
10:20	3LGO	1	10:21	3LGO		00:01
10:20	6JZE		10:21	6JZE	1	00:01
10:20	6KSV		10:23	6KSV	1	00:03
10:20	6KDA		10:20	6KDA	1	00:00
10:20	4HLE	1	10:20	4HLE		00:00
10:21	4XOG		10:21	4XOG	1	00:00
10:21	5UYD		10:21	5UYD	2	00:00
10:21	4UBO	1	10:23	4UBO	1	00:02
10:21	8HMY		10:22	8HMY	1	00:01
10:21	OXOM		10:22	OXOM	1	00:01
10:21	8COJ		10:22	8COJ	1	00:01
10:22	8HMY	1	10:23	8HMY	1	00:01
10:22	3TOA		10:22	3TOA	1	00:00
10:22	8YGU		10:22	8YGU	1	00:00
10:23	9BGU	1	10:24	9BGU		00:01
10:23	8JBN	1	10:24	8JBN		00:01
10:24	7KOX		10:25	7KOX	1	00:01
10:24	8GBZ	1	10:24	8GBZ		00:00
10:25	OSUE		10:26	OSUE	1	00:01
10:27	5VBA	1	10:27	5VBA		00:00
10:28	5HHD	1	10:28	5HHD	1	00:00
10:28	7UYA		10:31	7UYA	2	00:03
10:29	5RDA	2	10:29	5RDA	1	00:00
10:30	8KGU	1	10:30	8KGU	1	00:00
10:30	4HHG		10:31	4HHG	1	00:01
10:31	5WGH		10:32	5WGH	2	00:01
10:31	1ALD	1	10:32	1ALD		00:01
10:31	5MDV	2	10:31	5MDV		00:00
10:32	2RNY		10:34	2RNY	1	00:02
10:32	6ORU		10:34	6ORU	2	00:02
10:32	9YLU	1	10:33	9YLU		00:01
10:32	6OHA		10:33	6OHA	1	00:01

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
10:32	3CYV	1	10:33	3CYV	1	00:01
10:33	OOAN	1	10:34	OOAN		00:01
10:33	8XON	1	10:34	8XON		00:01
10:33	9BDX		10:34	9BDX	1	00:01
10:33	1NLB		10:33	1NLB	1	00:00
10:33	5VWV		10:33	5VWV	1	00:00
10:33	8CMC		10:35	8CMC	1	00:02
10:33	7YFX		10:33	7YFX	2	00:00
10:34	4KOX		10:36	4KOX	1	00:02
10:34	7BJW		10:36	7BJW	1	00:02
10:34	1AEW		10:36	1AEW	4	00:02
10:34	4HOB		10:35	4HOB	1	00:01
10:34	9EGY		10:35	9EGY	1	00:01
10:34	5LHL		10:37	5LHL	1	00:03
10:34	7FPT		10:37	7FPT	2	00:03
10:35	1RPN	1	10:36	1RPN		00:01
10:35	8EHT		10:36	8EHT	1	00:01
10:35	6LOF		10:38	6LOF	1	00:03
10:35	2CMS		10:36	2CMS	2	00:01
10:35	6PGO		10:35	6PGO	1	00:00
10:35	1DDF		10:37	1DDF	1	00:02
10:38	8TNF		10:38	8TNF	1	00:00
10:38	1XOP		10:38	1XOP	1	00:00
10:38	4KVJ		10:38	4KVJ	1	00:00
10:39	1GMG		10:39	1GMG	1	00:00
10:39	9JVP	1	10:39	9JVP	2	00:00
10:39	2KXX	2	10:39	2KXX	2	00:00
10:40	3BPV	1	10:40	3BPV		00:00
10:40	1PGO	1	10:43	1PGO		00:03
10:40	1JXA		10:40	1JXA	1	00:00
10:40	OKZN		10:40	OKZN	1	00:00
10:40	5TDA	1	10:40	5TDA		00:00
10:41	OMOA	1	10:41	OMOA		00:00
10:42	1SHW		10:42	1SHW	1	00:00
10:42	1RYX		10:42	1RYX	1	00:00
10:43	6HMG	1	10:43	6HMG		00:00
10:44	OUAS		10:44	OUAS	1	00:00
10:44	3EGY		10:44	3EGY	1	00:00
10:44	3XUG		10:44	3XUG	1	00:00
10:44	5GAE		10:49	5GAE	1	00:05
10:45	8XAT	2	10:45	8XAT		00:00
10:45	4CBH		10:45	4CBH	1	00:00
10:45	1KBL	1	10:45	1KBL	1	00:00
10:46	2BOT		10:46	2BOT	1	00:00
10:46	2PDV		10:46	2PDV	1	00:00
10:46	2LJC		10:46	2LJC	2	00:00
10:46	4CSY		10:46	4CSY	2	00:00
10:46	5SHX		10:48	5SHX	2	00:02
10:46	8YOX		10:50	8YOX	2	00:04
10:46	2XLZ	1	10:46	2XLZ		00:00
10:46	2MKJ	1	10:46	2MKJ	1	00:00
10:46	5SHW	1	10:46	5SHW		00:00
10:47	3XOM		10:47	3XOM	1	00:00
10:47	1TBZ		10:47	1TBZ	1	00:00
10:47	4EAV		10:47	4EAV	1	00:00
10:47	9ROF		10:47	9ROF	1	00:00
10:47	5TGC		10:48	5TGC	1	00:01
10:47	9EYT		10:50	9EYT	1	00:03
10:47	5DLE		10:47	5DLE	2	00:00
10:48	6FCL	1	10:50	6FCL		00:02
10:48	9EZX		10:48	9EZX	1	00:00

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
10:48	6JCS		10:49	6JCS	1	00:01
10:48	9MCD		10:50	9MCD	1	00:02
10:48	4OPW	1	10:50	4OPW	2	00:02
10:48	6MWY	1	10:50	6MWY	1	00:02
10:49	4XTG		10:51	4XTG	1	00:02
10:49	7GWD	1	10:51	7GWD		00:02
10:49	6EJP	1	10:51	6EJP		00:02
10:49	5JSF		10:49	5JSF	1	00:00
10:50	5JLL		10:51	5JLL	1	00:01
10:50	6NCJ		10:52	6NCJ	1	00:02
10:50	4GKP		10:53	4GKP	3	00:03
10:50	8YOG	2	10:51	8YOG		00:01
10:50	6GCV		10:51	6GCV	1	00:01
10:51	3FOJ		10:52	3FOJ	1	00:01
10:51	6AHU		10:52	6AHU	1	00:01
10:51	7XOH		10:53	7XOH	1	00:02
10:51	5JGD		10:54	5JGD	1	00:03
10:51	6JGX		10:52	6JGX	2	00:01
10:51	4JXH		10:54	4JXH	2	00:03
10:51	1SSG	1	10:52	1SSG	1	00:01
10:51	1RLU	1	10:52	1RLU	1	00:01
10:51	2FZC	1	10:54	2FZC	1	00:03
10:52	4CXY		10:52	4CXY	2	00:00
10:53	8WNL		10:55	8WNL	1	00:02
10:54	7KHA		10:55	7KHA	1	00:01
10:54	9JNK		10:56	9JNK	1	00:02
10:55	4CMA		10:58	4CMA	1	00:03
10:55	3PVM		10:55	3PVM	1	00:00
10:55	6LDA		10:55	6LDA	1	00:00
10:55	1FMV		10:56	1FMV	1	00:01
10:55	2NJZ		10:57	2NJZ	1	00:02
10:55	1MNE		10:56	1MNE	2	00:01
10:55	3WKB	1	10:56	3WKB	1	00:01
10:56	4JWK		10:57	4JWK	1	00:01
10:57	9EZT		10:59	9EZT	1	00:02
10:57	3HGG		10:58	3HGG	1	00:01
10:58	5JLL		11:00	5JLL	1	00:02
10:58	OEAV		11:00	OEAV	1	00:02
10:58	8TEO		11:00	8TEO	1	00:02
10:58	9VON		10:59	9VON	2	00:01
10:58	4YFN	1	11:02	4YFN	2	00:04
10:59	6COJ		11:01	6COJ	1	00:02
10:59	6WGH		11:01	6WGH	1	00:02
11:00	7EEN		11:02	7EEN	1	00:02
11:00	4BEA		11:04	4BEA	1	00:04
11:00	4LNP		11:04	4LNP	1	00:04
11:00	5KSE		11:02	5KSE	2	00:02
11:00	1JTY	1	11:03	1JTY		00:03
11:00	6KDA	1	11:03	6KDA	1	00:03
11:00	OAXP	1	11:03	OAXP	1	00:03
11:00	6SJX		11:01	6SJX	1	00:01
11:01	2NNE	1	11:02	2NNE		00:01
11:01	4DAA		11:02	4DAA	2	00:01
11:01	2TOL		11:01	2TOL	2	00:00
11:02	4EGX	2	11:04	4EGX		00:02
11:03	8CMS		11:03	8CMS	1	00:00
11:03	2WOE		11:05	2WOE	1	00:02
11:03	8XAT	2	11:05	8XAT	1	00:02
11:04	7BLO		11:04	7BLO	1	00:00
11:04	6PTN		11:04	6PTN	1	00:00
11:04	7HRC	1	11:05	7HRC		00:01

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
11:04	5EVW		11:05	5EVW	1	00:01
11:04	3NXG		11:05	3NXG	1	00:01
11:04	8CZK		11:05	8CZK	2	00:01
11:04	9SBZ	1	11:05	9SBZ	2	00:01
11:05	1STK		11:06	1STK	1	00:01
11:05	4DUJ	2	11:08	4DUJ		00:03
11:05	7ESF	1	11:05	7ESF	1	00:00
11:06	4NCE	2	11:08	4NCE		00:02
11:06	1BOH		11:06	1BOH	1	00:00
11:06	3TOL		11:06	3TOL	1	00:00
11:06	6ZVV		11:06	6ZVV	2	00:00
11:06	8COJ		11:06	8COJ	2	00:00
11:06	14ER	1	11:08	14ER		00:02
11:07	1HAN	2	11:08	1HAN		00:01
11:07	7HFV	1	11:10	7HFV	1	00:03
11:07	1STK		11:07	1STK	2	00:00
11:07	4HRX		11:07	4HRX	3	00:00
11:07	2DKV	1	11:07	2DKV	1	00:00
11:08	9TJV	1	11:08	9TJV	1	00:00
11:08	2PJJ	2	11:09	2PJJ		00:01
11:09	5MXR	1	11:10	5MXR		00:01
11:09	8XBW		11:10	8XBW	1	00:01
11:09	1WXF	1	11:10	1WXF		00:01
11:09	4GVP	1	11:10	4GVP		00:01
11:09	6OAT	1	11:10	6OAT	1	00:01
11:09	4XRC		11:11	4XRC	1	00:02
11:09	OCCY		11:09	OCCY	3	00:00
11:10	7ORS	1	11:10	7ORS		00:00
11:10	8JLR	1	11:10	8JLR		00:00
11:10	2EMA	1	11:12	2EMA		00:02
11:10	8AVX		11:10	8AVX	1	00:00
11:10	2TWG		11:10	2TWG	1	00:00
11:10	2VHY		11:10	2VHY	3	00:00
11:10	1ZTN		11:12	1ZTN	3	00:02
11:10	1KZW		11:11	1KZW	1	00:01
11:10	4RHU		11:11	4RHU	1	00:01
11:10	2MGJ		11:11	2MGJ	1	00:01
11:10	5333		11:11	5333	1	00:01
11:10	3TDA		11:13	3TDA	1	00:03
11:10	OEGY		11:11	OEGY	2	00:01
11:10	3RLZ	1	11:11	3RLZ	1	00:01
11:11	2KHN	1	11:12	2KHN		00:01
11:11	3PGW	1	11:14	3PGW		00:03
11:11	8ONT		11:12	8ONT	1	00:01
11:11	1XWL		11:14	1XWL	2	00:03
11:11	2HWM	1	11:12	2HWM		00:01
11:11	9KEW	1	11:12	9KEW	2	00:01
11:11	8MHU	1	11:14	8MHU		00:03
11:11	4SHX		11:11	4SHX	1	00:00
11:11	OAXP		11:13	OAXP	1	00:02
11:11	8GDO		11:13	8GDO	1	00:02
11:11	2JWK		11:13	2JWK	3	00:02
11:11	1MUW	1	11:11	1MUW		00:00
11:11	7ZSY	1	11:11	7ZSY	1	00:00
11:12	3JOV		11:12	3JOV	1	00:00
11:12	8HMY		11:14	8HMY	2	00:02
11:12	8JAV		11:13	8JAV	1	00:01
11:12	4HLE	1	11:13	4HLE	1	00:01
11:13	2AUL		11:14	2AUL	1	00:01
11:13	1WFP		11:14	1WFP	1	00:01
11:14	7KOX	1	11:14	7KOX		00:00

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
11:14	7FRF		11:14	7FRF	3	00:00
11:14	2DKV	1	11:14	2DKV	2	00:00
11:14	8HMY		11:15	8HMY	3	00:01
11:14	2VRX		11:15	2VRX	3	00:01
11:14	9PHM		11:15	9PHM	1	00:01
11:14	3CAB	1	11:15	3CAB	3	00:01
11:14	7YFX	1	11:16	7YFX		00:02
11:15	1WBL	1	11:15	1WBL		00:00
11:15	9OWB		11:15	9OWB	1	00:00
11:15	8JBK	1	11:15	8JBK	1	00:00
11:15	2AUL		11:16	2AUL	1	00:01
11:16	4GWE		11:19	4GWE	2	00:03
11:16	6BVP	1	11:16	6BVP	2	00:00
11:16	2HJA	1	11:16	2HJA	1	00:00
11:17	4NBU	1	11:17	4NBU		00:00
11:17	1AAF	1	11:17	1AAF		00:00
11:17	42FE	1	11:17	42FE		00:00
11:17	2LCG		11:17	2LCG	1	00:00
11:17	5ZSO		11:17	5ZSO	1	00:00
11:17	4KJJ		11:17	4KJJ	3	00:00
11:18	8CMC	1	11:23	8CMC	1	00:05
11:18	1HRT		11:18	1HRT	1	00:00
11:18	5KXS		11:18	5KXS	1	00:00
11:18	8EHT		11:18	8EHT	1	00:00
11:18	OMOA		11:18	OMOA	1	00:00
11:18	2RNY	1	11:18	2RNY	1	00:00
11:19	72FF	1	11:19	72FF		00:00
11:19	9OCL		11:19	9OCL	1	00:00
11:19	4AKN		11:19	4AKN	1	00:00
11:19	2MGE		11:19	2MGE	1	00:00
11:19	57IS		11:23	57IS	1	00:04
11:19	1SHW	1	11:19	1SHW	1	00:00
11:20	7BGX	1	11:23	7BGX	1	00:03
11:20	9VED	1	11:20	9VED		00:00
11:20	7ROF		11:20	7ROF	1	00:00
11:20	6PGO		11:20	6PGO	1	00:00
11:20	7TOV		11:20	7TOV	2	00:00
11:20	2XAM		11:20	2XAM	3	00:00
11:20	5SHX	2	11:20	5SHX	1	00:00
11:20	1LHD	1	11:22	1LHD	2	00:02
11:21	2AUL	1	11:23	2AUL		00:02
11:21	8TNF		11:21	8TNF	1	00:00
11:21	3EHT		11:21	3EHT	1	00:00
11:21	3TOL		11:21	3TOL	2	00:00
11:21	1CNF	1	11:21	1CNF	1	00:00
11:21	4JTZ	1	11:21	4JTZ	1	00:00
11:22	6PJL	1	11:23	6PJL		00:01
11:22	6WPU	2	11:23	6WPU		00:01
11:22	5XCJ	1	11:24	5XCJ	1	00:02
11:22	4NDF	1	11:22	4NDF		00:00
11:22	3OTJ	1	11:24	3OTJ		00:02
11:22	6ZVV	1	11:24	6ZVV		00:02
11:22	2NKC		11:22	2NKC	1	00:00
11:22	2XUX	1	11:22	2XUX		00:00
11:22	6ROH	1	11:22	6ROH	1	00:00
11:22	8GDO	1	11:24	8GDO	1	00:02
11:22	6AWO	1	11:24	6AWO	2	00:02
11:22	8CCO	1	11:24	8CCO	1	00:02
11:23	3MOA		11:25	3MOA	1	00:02
11:23	9XHO	1	11:23	9XHO	1	00:00
11:23	7WSL	1	11:26	7WSL		00:03



IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
11:23	OVCN		11:26	OVCN	2	00:03
11:23	8THS	1	11:24	8THS		00:01
11:24	4CZH		11:25	4CZH	1	00:01
11:24	7GTU	1	11:25	7GTU	1	00:01
11:24	7UYA		11:25	7UYA	1	00:01
11:24	6LOF		11:25	6LOF	1	00:01
11:24	OSLR		11:25	OSLR	1	00:01
11:24	8JNN		11:27	8JNN	1	00:03
11:24	OUCS	1	11:27	OUCS	1	00:03
11:24	8KGU		11:25	8KGU	1	00:01
11:24	5AFJ		11:26	5AFJ	1	00:02
11:25	9WHX		11:27	9WHX	1	00:02
11:25	8XOG		11:28	8XOG	1	00:03
11:25	ODFG	3	11:26	ODFG		00:01
11:26	8XON		11:27	8XON	1	00:01
11:26	4DAA		11:28	4DAA	1	00:02
11:26	8YOX		11:28	8YOX	1	00:02
11:26	1HTN		11:30	1HTN	1	00:04
11:26	7FCX	1	11:26	7FCX	1	00:00
11:26	OXOG	1	11:28	OXOG		00:02
11:26	5DLE	1	11:30	5DLE		00:04
11:27	3SJA	1	11:29	3SJA		00:02
11:27	8TGA		11:27	8TGA	1	00:00
11:27	5KTC		11:29	5KTC	1	00:02
11:27	6MVZ		11:29	6MVZ	1	00:02
11:27	4FRC	2	11:27	4FRC	2	00:00
11:27	5JSF	1	11:29	5JSF		00:02
11:27	3VFP	1	11:29	3VFP		00:02
11:27	2LJC	1	11:29	2LJC		00:02
11:27	1OVV	1	11:30	1OVV		00:03
11:27	2NJZ	1	11:31	2NJZ		00:04
11:27	1RBO		11:28	1RBO	1	00:01
11:27	8JGE		11:28	8JGE	1	00:01
11:27	9EWL		11:30	9EWL	1	00:03
11:27	5AXR		11:28	5AXR	2	00:01
11:27	5SHW		11:28	5SHW	1	00:01
11:27	OMFY		11:28	OMFY	2	00:01
11:27	OYJV	1	11:28	OYJV	2	00:01
11:27	8WNL	2	11:30	8WNL	1	00:03
11:28	3YOG		11:29	3YOG	1	00:01
11:28	5JLL		11:29	5JLL	2	00:01
11:28	2ULV		11:29	2ULV	1	00:01
11:28	6VHR		11:30	6VHR	2	00:02
11:29	9OAE	1	11:29	9OAE	1	00:00
11:29	4XUY		11:31	4XUY	2	00:02
11:29	1RLU		11:31	1RLU	3	00:02
11:30	1HMC	1	11:32	1HMC		00:02
11:30	5DTN		11:30	5DTN	1	00:00
11:30	OOAN		11:30	OOAN	1	00:00
11:30	5PNH		11:31	5PNH	1	00:01
11:30	1RPN		11:30	1RPN	2	00:00
11:30	5TGC		11:31	5TGC	2	00:01
11:31	1XPZ		11:32	1XPZ	2	00:01
11:32	2FHP	1	11:32	2FHP		00:00
11:32	144O	1	11:35	144O		00:03
11:32	4FHS		11:33	4FHS	1	00:01
11:32	8JRH		11:33	8JRH	1	00:01
11:32	2MYL	1	11:33	2MYL	1	00:01
11:33	7WNL		11:35	7WNL	1	00:02
11:33	4ODF		11:35	4ODF	1	00:02
11:33	8YOG		11:33	8YOG	3	00:00

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
11:33	3LGO	1	11:33	3LGO	1	00:00
11:33	5WTR		11:36	5WTR	2	00:03
11:34	3XOM	1	11:34	3XOM		00:00
11:34	6UAS		11:35	6UAS	1	00:01
11:34	7EEN		11:35	7EEN	1	00:01
11:34	6XBC		11:34	6XBC	2	00:00
11:34	7FPC		11:35	7FPC	2	00:01
11:34	2XLZ		11:34	2XLZ	3	00:00
11:34	1TNZ		11:34	1TNZ	4	00:00
11:34	1NLB	1	11:34	1NLB	1	00:00
11:34	7YFZ	1	11:35	7YFZ		00:01
11:34	2PDV	1	11:35	2PDV		00:01
11:35	1KBL	1	11:35	1KBL		00:00
11:35	6JLG	1	11:36	6JLG		00:01
11:35	4CMA	1	11:36	4CMA		00:01
11:35	1PNU		11:35	1PNU	1	00:00
11:35	2UGU		11:35	2UGU	1	00:00
11:35	5YCU		11:36	5YCU	1	00:01
11:36	8UTP	1	11:36	8UTP		00:00
11:36	OXOM	1	11:37	OXOM		00:01
11:36	2MKJ		11:36	2MKJ	1	00:00
11:36	7AVO		11:36	7AVO	1	00:00
11:36	6SJX		11:37	6SJX	1	00:01
11:36	2VWU		11:37	2VWU	1	00:01
11:36	5KSX		11:38	5KSX	1	00:02
11:36	5XWC		11:36	5XWC	2	00:00
11:37	3FXF		11:38	3FXF	1	00:01
11:37	2PBZ		11:38	2PBZ	1	00:01
11:37	6NGA		11:39	6NGA	1	00:02
11:37	6ESC		11:39	6ESC	1	00:02
11:37	2MGJ	1	11:37	2MGJ	1	00:00
11:37	4FVG	1	11:37	4FVG	1	00:00
11:37	6LJO	1	11:37	6LJO		00:00
11:37	5WTY		11:42	5WTY	2	00:05
11:38	9EZX	1	11:39	9EZX		00:01
11:38	1HAE	1	11:39	1HAE		00:01
11:38	1SSG		11:39	1SSG	1	00:01
11:38	4CYK		11:40	4CYK	1	00:02
11:38	3CAB	1	11:42	3CAB	1	00:04
11:39	7ESF	1	11:40	7ESF		00:01
11:39	3RHS	1	11:40	3RHS		00:01
11:39	OAVV	1	11:41	OAVV		00:02
11:39	2YVN		11:42	2YVN	1	00:03
11:39	6OBM		11:41	6OBM	2	00:02
11:39	OEGY	1	11:41	OEGY		00:02
11:40	3GOK		11:40	3GOK	1	00:00
11:40	3HDC		11:41	3HDC	1	00:01
11:41	6BDC	1	11:41	6BDC		00:00
11:41	3LYF	1	11:43	3LYF		00:02
11:41	6UBY	1	11:43	6UBY		00:02
11:41	5HYA		11:41	5HYA	1	00:00
11:41	9GCF		11:41	9GCF	1	00:00
11:41	ONHP		11:42	ONHP	1	00:01
11:41	5EFA		11:42	5EFA	1	00:01
11:41	8UTP		11:43	8UTP	1	00:02
11:41	6WGH		11:43	6WGH	1	00:02
11:41	4HCD	1	11:41	4HCD	1	00:00
11:41	3TDA	1	11:41	3TDA		00:00
11:41	2JWK		11:41	2JWK	1	00:00
11:41	3EGY	1	11:43	3EGY	1	00:02
11:42	OVCN		11:44	OVCN	2	00:02

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
11:42	3PGW	1	11:42	3PGW		00:00
11:42	2NBM		11:44	2NBM	1	00:02
11:43	4BEA		11:44	4BEA	1	00:01
11:43	4VCZ		11:44	4VCZ	1	00:01
11:43	2EZH		11:44	2EZH	1	00:01
11:43	4GFL	1	11:45	4GFL	2	00:02
11:43	1ERV	1	11:46	1ERV		00:03
11:43	7ROF		11:44	7ROF	1	00:01
11:43	3BAD	1	11:44	3BAD	3	00:01
11:43	OKOF	1	11:46	OKOF		00:03
11:44	1KUA		11:45	1KUA	1	00:01
11:44	6OAT		11:47	6OAT	1	00:03
11:44	9TDA		11:47	9TDA	1	00:03
11:44	5MVN	1	11:46	5MVN		00:02
11:45	2LCG		11:47	2LCG	1	00:02
11:45	6OHA	1	11:47	6OHA		00:02
11:45	6JOP	1	11:48	6JOP		00:03
11:45	6OWR	1	11:46	6OWR		00:01
11:45	4RHU		11:46	4RHU	1	00:01
11:46	OKVV	1	11:47	OKVV		00:01
11:46	8TEO		11:47	8TEO	1	00:01
11:46	6RLA		11:48	6RLA	1	00:02
11:46	OCMK	1	11:50	OCMK		00:04
11:46	2XGM		11:46	2XGM	1	00:00
11:46	2CKK		11:48	2CKK	1	00:02
11:46	6YSO		11:48	6YSO	1	00:02
11:46	2RNY		11:48	2RNY	1	00:02
11:47	8SVW	1	11:49	8SVW		00:02
11:47	5YNP	1	11:49	5YNP		00:02
11:47	1TNZ	1	11:51	1TNZ		00:04
11:47	8JAV		11:47	8JAV	1	00:00
11:47	4JN2		11:49	4JN2	1	00:02
11:47	7XOH		11:47	7XOH	2	00:00
11:47	9JNK		11:49	9JNK	2	00:02
11:47	5XLH	1	11:49	5XLH	3	00:02
11:47	4UJN	1	11:51	4UJN		00:04
11:47	1CNF	1	11:48	1CNF		00:01
11:47	2AVO		11:48	2AVO	1	00:01
11:47	OKVV		11:50	OKVV	2	00:03
11:47	6PGO	1	11:48	6PGO		00:01
11:47	2GCE	1	11:48	2GCE		00:01
11:47	5UPF	1	11:48	5UPF		00:01
11:47	2EHG	1	11:50	2EHG		00:03
11:47	6PTN	2	11:50	6PTN		00:03
11:48	OKVV	1	11:49	OKVV		00:01
11:48	4GZK	1	11:49	4GZK		00:01
11:48	6WPU		11:49	6WPU	2	00:01
11:49	6SOA	1	11:49	6SOA		00:00
11:49	1CGC		11:51	1CGC	1	00:02
11:49	8OFF	1	11:51	8OFF		00:02
11:50	8KOB	1	11:51	8KOB		00:01
11:50	9MTV		11:51	9MTV	1	00:01
11:50	4HFL	1	11:52	4HFL		00:02
11:50	9VED		11:50	9VED	1	00:00
11:51	1ULX		11:51	1ULX	1	00:00
11:51	7WKL		11:51	7WKL	1	00:00
11:51	7PNJ	1	11:52	7PNJ		00:01
11:51	OECC	1	11:52	OECC		00:01
11:51	1LTY	1	11:52	1LTY		00:01
11:51	1NVA		11:52	1NVA	1	00:01
11:52	8JBN		11:55	8JBN	2	00:03

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
11:52	2EEB	1	11:52	2EEB		00:00
11:52	8JLR	1	11:54	8JLR		00:02
11:52	4YPJ		11:54	4YPJ	1	00:02
11:53	2JWE	1	11:53	2JWE		00:00
11:53	2XGM	1	11:53	2XGM		00:00
11:53	7RNC		11:53	7RNC	1	00:00
11:53	9UZD		11:53	9UZD	3	00:00
11:53	5PPZ	1	11:53	5PPZ		00:00
11:53	9TDX	1	11:53	9TDX	1	00:00
11:53	ONUY		11:54	ONUY	2	00:01
11:54	1HPX	1	11:55	1HPX		00:01
11:54	5LZU		11:55	5LZU	1	00:01
11:54	8TNF	1	11:57	8TNF		00:03
11:54	6MWU		11:54	6MWU	1	00:00
11:54	OECC		11:54	OECC	2	00:00
11:55	5EOB		11:55	5EOB	1	00:00
11:55	6AWO	1	11:56	6AWO		00:01
11:55	8COJ	1	11:56	8COJ	1	00:01
11:56	8KHP		11:57	8KHP	1	00:01
11:56	3JOV	1	11:56	3JOV		00:00
11:56	4MAP	1	11:56	4MAP		00:00
11:56	7NXD	1	11:56	7NXD		00:00
11:56	2GBJ		11:56	2GBJ	1	00:00
11:57	3MOA		11:57	3MOA	1	00:00
11:57	2MGJ		11:59	2MGJ	1	00:02
11:57	5EOB		11:59	5EOB	1	00:02
11:57	7BOH	1	11:59	7BOH		00:02
11:57	2UYA		11:58	2UYA	2	00:01
11:57	OLFZ	1	11:58	OLFZ		00:01
11:58	3LHR	2	11:59	3LHR		00:01
11:58	4SKJ		11:59	4SKJ	1	00:01
11:58	6JOP		11:59	6JOP	1	00:01
11:58	1EWX		11:59	1EWX	1	00:01
11:58	2WEJ	1	11:59	2WEJ	1	00:01
11:58	4WWU	2	11:59	4WWU		00:01
11:58	5LWW	1	11:59	5LWW		00:01
11:58	7KFT	1	11:58	7KFT		00:00
11:58	6MVZ	1	11:58	6MVZ		00:00
11:59	5VFJ	2	11:59	5VFJ		00:00
11:59	9AZU		12:00	9AZU	1	00:01
12:01	2WVM		12:03	2WVM	2	00:02
12:02	8TGE		12:02	8TGE	1	00:00
12:02	8TGA		12:03	8TGA	1	00:01
12:03	1RLU	1	12:05	1RLU		00:02
12:03	1RPN		12:05	1RPN	1	00:02
12:03	7UHZ		12:06	7UHZ	1	00:03
12:03	4LDX	1	12:04	4LDX	1	00:01
12:03	8FKX	1	12:04	8FKX	2	00:01
12:04	8THS	1	12:06	8THS		00:02
12:04	3YOG	1	12:07	3YOG		00:03
12:04	3FOD		12:07	3FOD	2	00:03
12:05	8XON	1	12:08	8XON		00:03
12:05	8KJZ		12:08	8KJZ	2	00:03
12:06	6RFZ		12:08	6RFZ	1	00:02
12:06	1NLB		12:09	1NLB	1	00:03
12:07	5SHW	1	12:09	5SHW		00:02
12:07	9EZD		12:09	9EZD	1	00:02
12:07	9EYG		12:12	9EYG	2	00:05
12:08	1PNU	1	12:10	1PNU		00:02
12:08	8KGU		12:12	8KGU	1	00:04
12:09	3PXZ		12:09	3PXZ	1	00:00

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
12:09	5JLL		12:12	5JLL	2	00:03
12:10	4KVJ	1	12:10	4KVJ		00:00
12:10	5YAV	1	12:10	5YAV		00:00
12:10	7YFX	1	12:10	7YFX		00:00
12:10	1TBZ		12:10	1TBZ	1	00:00
12:10	8YOG		12:11	8YOG	1	00:01
12:10	2XLZ		12:11	2XLZ	1	00:01
12:10	5DYX	1	12:10	5DYX	1	00:00
12:11	3XOM		12:13	3XOM	1	00:02
12:11	8COJ		12:11	8COJ	2	00:00
12:11	1KBL		12:13	1KBL	2	00:02
12:11	6RRX		12:13	6RRX	2	00:02
12:12	9KEW	1	12:14	9KEW		00:02
12:12	4JLH		12:14	4JLH	1	00:02
12:13	2VWU		12:15	2VWU	1	00:02
12:13	1VLY		12:15	1VLY	1	00:02
12:14	8CMC	1	12:15	8CMC		00:01
12:14	6NGA		12:15	6NGA	1	00:01
12:15	3RHS		12:16	3RHS	1	00:01
12:15	9EZX		12:16	9EZX	1	00:01
12:16	6EZR		12:17	6EZR	1	00:01
12:16	6PGO	1	12:17	6PGO	1	00:01
12:16	OMOA	1	12:18	OMOA		00:02
12:18	6WGH	1	12:21	6WGH		00:03
12:18	6GOA		12:19	6GOA	1	00:01
12:18	6LCK		12:21	6LCK	1	00:03
12:18	5TGC		12:21	5TGC	1	00:03
12:18	1PGO		12:20	1PGO	2	00:02
12:19	8HMY		12:19	8HMY	1	00:00
12:19	4EAM		12:20	4EAM	1	00:01
12:19	6SJZ		12:22	6SJZ	1	00:03
12:20	ONHP		12:22	ONHP	1	00:02
12:22	9CGX		12:24	9CGX	2	00:02
12:23	7ESF		12:23	7ESF	1	00:00
12:23	5KSX		12:23	5KSX	1	00:00
12:23	7UYA		12:24	7UYA	1	00:01
12:24	2ONW	1	12:25	2ONW		00:01
12:24	5WGH	1	12:25	5WGH		00:01
12:25	1HAE	1	12:27	1HAE		00:02
12:25	7WFB		12:26	7WFB	1	00:01
12:25	3LGO		12:28	3LGO	1	00:03
12:26	5HHD		12:27	5HHD	1	00:01
12:27	4BEA		12:29	4BEA	1	00:02
12:27	4DAA		12:29	4DAA	1	00:02
12:27	1SSG		12:28	1SSG	1	00:01
12:28	5GOC		12:29	5GOC	1	00:01
12:28	4XCJ	2	12:30	4XCJ		00:02
12:28	5SHX	1	12:30	5SHX	3	00:02
12:29	5NYS		12:31	5NYS	1	00:02
12:29	1LGY		12:30	1LGY	2	00:01
12:30	3SAR	1	12:32	3SAR		00:02
12:30	5JSF		12:34	5JSF	1	00:04
12:31	4MBJ		12:33	4MBJ	1	00:02
12:31	8TEO		12:34	8TEO	1	00:03
12:31	4GFL		12:34	4GFL	1	00:03
12:31	4XOH	1	12:33	4XOH		00:02
12:32	6KLW	2	12:33	6KLW		00:01
12:32	3JOV		12:35	3JOV	1	00:03
12:32	7ROF		12:36	7ROF	1	00:04
12:32	4RHV	1	12:32	4RHV		00:00
12:32	3JAT	1	12:33	3JAT		00:01

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
12:34	1ULX	2	12:34	1ULX	1	00:00
12:35	3PVM	1	12:35	3PVM		00:00
12:35	6SKA		12:35	6SKA	1	00:00
12:35	2UTE		12:36	2UTE	1	00:01
12:36	OVUT	1	12:36	OVUT		00:00
12:36	5GHJ	1	12:37	5GHJ		00:01
12:36	1SHW	1	12:37	1SHW		00:01
12:38	7XOH		12:38	7XOH	1	00:00
12:38	6PTN		12:38	6PTN	1	00:00
12:38	4JWK		12:39	4JWK	1	00:01
12:38	3MHN		12:40	3MHN	1	00:02
12:38	8KGU		12:39	8KGU	1	00:01
12:38	2LJC		12:39	2LJC	1	00:01
12:39	9VED	1	12:40	9VED		00:01
12:39	5COA		12:39	5COA	1	00:00
12:39	1CNF		12:41	1CNF	2	00:02
12:39	6APB		12:40	6APB	1	00:01
12:40	4PHY	1	12:42	4PHY		00:02
12:40	4GAE		12:41	4GAE	1	00:01
12:40	5HHD		12:41	5HHD	1	00:01
12:41	3CAB	1	12:42	3CAB		00:01
12:41	OXOM		12:43	OXOM	1	00:02
12:42	5EBA	1	12:44	5EBA		00:02
12:42	2RNY		12:43	2RNY	1	00:01
12:42	9MCD		12:45	9MCD	3	00:03
12:43	8KHP		12:43	8KHP	1	00:00
12:43	8JLR		12:44	8JLR	1	00:01
12:43	5RZP		12:44	5RZP	1	00:01
12:43	8GUG	1	12:45	8GUG		00:02
12:43	8TGE	1	12:46	8TGE	1	00:03
12:44	8XON		12:47	8XON	1	00:03
12:44	6UNB	1	12:46	6UNB	1	00:02
12:47	5TLK		12:47	5TLK	1	00:00
12:48	8NMA		12:48	8NMA	2	00:00
12:48	6SWJ	1	12:48	6SWJ	2	00:00
12:48	2RYP	2	12:48	2RYP	2	00:00
12:49	8TNF	1	12:49	8TNF		00:00
12:50	OORL		12:53	OORL	2	00:03
12:50	OYOG		12:50	OYOG	1	00:00
12:51	4USC	1	12:51	4USC		00:00
12:51	1KDA		12:51	1KDA	2	00:00
12:51	3ABD		12:51	3ABD	2	00:00
12:52	7EGN	1	12:52	7EGN		00:00
12:52	7BSH	1	12:52	7BSH		00:00
12:52	8BNZ		12:52	8BNZ	1	00:00
12:53	6LJO	1	12:53	6LJO		00:00
12:53	8EHT		12:53	8EHT	2	00:00
12:54	7KOX		12:54	7KOX	3	00:00
12:54	2TCV	1	12:54	2TCV		00:00
12:55	4EON		12:55	4EON	1	00:00
12:55	2XLZ		12:55	2XLZ	1	00:00
12:55	6HMY		12:55	6HMY	1	00:00
12:55	1SUX		13:00	1SUX	1	00:05
12:56	6PGO		12:56	6PGO	1	00:00
12:56	4AGU		12:56	4AGU	1	00:00
12:57	6COJ		12:59	6COJ	1	00:02
12:57	7PFT	1	12:57	7PFT		00:00
12:57	2DNY	1	13:01	2DNY		00:04
12:58	6LNF	1	12:58	6LNF		00:00
12:58	1KDY	1	12:58	1KDY		00:00
12:58	4UDO	1	12:58	4UDO		00:00

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
12:58	4ECY	1	12:58	4ECY		00:00
12:58	1SUX	1	12:58	1SUX		00:00
12:58	9CKG	1	12:58	9CKG		00:00
12:58	1HPX	1	12:59	1HPX		00:01
12:58	5DGC		12:59	5DGC	1	00:01
12:58	1AOM		12:58	1AOM	3	00:00
12:58	6JZV		13:01	6JZV	1	00:03
12:59	5VBA		12:59	5VBA	1	00:00
12:59	8KJZ		12:59	8KJZ	2	00:00
12:59	1NLB		12:59	1NLB	2	00:00
12:59	1TGS	1	12:59	1TGS		00:00
12:59	1WEW		13:01	1WEW	3	00:02
12:59	1KBL		13:01	1KBL	4	00:02
12:59	4PGT		13:01	4PGT	1	00:02
12:59	4DOK	2	13:01	4DOK		00:02
13:00	OBLF		13:02	OBLF	1	00:02
13:00	1WAU	1	13:02	1WAU		00:02
13:00	1MNE		13:02	1MNE	1	00:02
13:00	2TOA		13:00	2TOA	2	00:00
13:00	9EYG	1	13:03	9EYG		00:03
13:00	5OPL		13:03	5OPL	1	00:03
13:00	3CLO	1	13:03	3CLO		00:03
13:01	1CFO	1	13:02	1CFO		00:01
13:01	3MOA		13:02	3MOA	1	00:01
13:01	7NVZ		13:02	7NVZ	1	00:01
13:01	3OYY		13:02	3OYY	3	00:01
13:01	2NUF	1	13:02	2NUF	1	00:01
13:01	5MGM	2	13:02	5MGM		00:01
13:01	2MKJ		13:04	2MKJ	1	00:03
13:01	5LHG	1	13:03	5LHG		00:02
13:01	2CTY		13:03	2CTY	1	00:02
13:02	5TGB	1	13:04	5TGB		00:02
13:02	5SHW	1	13:03	5SHW		00:01
13:02	8THS	1	13:03	8THS	1	00:01
13:03	6AOM		13:04	6AOM	1	00:01
13:03	4UZC		13:03	4UZC	1	00:00
13:03	2XZGP		13:05	2XZGP	1	00:02
13:04	4VUZ	1	13:04	4VUZ		00:00
13:04	4TOJ		13:04	4TOJ	1	00:00
13:05	5JLL		13:06	5JLL	1	00:01
13:05	3YDK		13:06	3YDK	2	00:01
13:06	2RRX		13:08	2RRX	3	00:02
13:06	OAXP	1	13:07	OAXP		00:01
13:06	7NVZ		13:07	7NVZ	3	00:01
13:06	7KHE	1	13:09	7KHE	1	00:03
13:07	1UCL		13:09	1UCL	1	00:02
13:07	RA1X	1	13:08	RA1X		00:01
13:07	3RHS		13:09	3RHS	1	00:02
13:07	2XRX		13:09	2XRX	1	00:02
13:07	1CVY		13:11	1CVY	1	00:04
13:07	8HMY		13:09	8HMY	2	00:02
13:08	1CFO	1	13:10	1CFO		00:02
13:08	5VWU		13:10	5VWU	1	00:02
13:08	OVVB		13:10	OVVB	1	00:02
13:08	5LKX		13:10	5LKX	1	00:02
13:08	1CFO	1	13:11	1CFO		00:03
13:08	8WNL		13:09	8WNL	1	00:01
13:08	7KHE		13:11	7KHE	1	00:03
13:08	1RPN	1	13:09	1RPN		00:01
13:09	1JVX	1	13:10	1JVX		00:01
13:09	1YAS		13:10	1YAS	1	00:01

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
13:09	3OPP		13:12	3OPP	1	00:03
13:09	7YFX		13:13	7YFX	1	00:04
13:09	1LTY		13:13	1LTY	4	00:04
13:10	6HVJ	1	13:10	6HVJ		00:00
13:11	9EER	1	13:11	9EER		00:00
13:12	7UXG		13:14	7UXG	1	00:02
13:12	4JLH		13:14	4JLH	2	00:02
13:12	6LDW	1	13:12	6LDW		00:00
13:12	1YAS		13:14	1YAS	3	00:02
13:13	3OPP	1	13:14	3OPP		00:01
13:13	1CFO	1	13:14	1CFO		00:01
13:13	2VHY	1	13:14	2VHY		00:01
13:13	3SOA		13:14	3SOA	1	00:01
13:13	1TZW		13:14	1TZW	1	00:01
13:13	1RLU	1	13:13	1RLU		00:00
13:14	9EER		13:14	9EER	1	00:00
13:14	2REC	1	13:16	2REC		00:02
13:14	1PNU		13:15	1PNU	1	00:01
13:14	4KVC		13:16	4KVC	1	00:02
13:14	1YAS		13:17	1YAS	1	00:03
13:15	8UEW		13:15	8UEW	1	00:00
13:15	3PGW		13:15	3PGW	1	00:00
13:15	3EDC		13:15	3EDC	1	00:00
13:15	9EER		13:16	9EER	1	00:01
13:15	2UYB	2	13:15	2UYB		00:00
13:15	OMOA		13:15	OMOA	1	00:00
13:15	7ESF	1	13:15	7ESF		00:00
13:16	OWNR	1	13:17	OWNR		00:01
13:16	4XOG	1	13:17	4XOG		00:01
13:16	7ZCL		13:16	7ZCL	1	00:00
13:16	4ZFE		13:17	4ZFE	1	00:01
13:16	OHAU		13:19	OHAU	1	00:03
13:16	2MFR		13:17	2MFR	2	00:01
13:16	2MGJ		13:16	2MGJ	1	00:00
13:17	OHZR		13:17	OHZR	2	00:00
13:18	3FZY	1	13:18	3FZY		00:00
13:18	1NLB		13:18	1NLB	1	00:00
13:18	7XKM		13:19	7XKM	1	00:01
13:18	OEUE		13:20	OEUE	1	00:02
13:18	2UYB		13:18	2UYB	2	00:00
13:18	7BJW		13:19	7BJW	2	00:01
13:18	5TGC		13:19	5TGC	3	00:01
13:18	9KEW		13:18	9KEW	1	00:00
13:19	2MFR	1	13:19	2MFR		00:00
13:19	2JWK	1	13:20	2JWK		00:01
13:19	5ENU	1	13:21	5ENU		00:02
13:19	7PCJ		13:19	7PCJ	1	00:00
13:19	7KXP		13:20	7KXP	1	00:01
13:19	8MAW		13:20	8MAW	1	00:01
13:19	6SNA		13:20	6SNA	1	00:01
13:20	6HGN	1	13:20	6HGN		00:00
13:20	7NFU	1	13:22	7NFU		00:02
13:20	5JVZ		13:20	5JVZ	1	00:00
13:20	3FCV		13:21	3FCV	1	00:01
13:20	4EGX		13:23	4EGX	1	00:03
13:20	OXOG		13:21	OXOG	2	00:01
13:20	2RSP		13:21	2RSP	1	00:01
13:20	1WAU		13:22	1WAU	1	00:02
13:21	6PVU	1	13:23	6PVU		00:02
13:21	2LTE	1	13:23	2LTE		00:02
13:21	3LWX	1	13:24	3LWX		00:03



IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
13:21	5V2J		13:24	5V2J	1	00:03
13:21	1NVA		13:22	1NVA	2	00:01
13:21	2JSH		13:23	2JSH	4	00:02
13:21	4WLC		13:22	4WLC	2	00:01
13:21	2MFR	1	13:22	2MFR	1	00:01
13:21	4NPN	1	13:24	4NPN		00:03
13:22	1WEW		13:22	1WEW	1	00:00
13:22	2NGE		13:23	2NGE	2	00:01
13:23	3GWK	1	13:24	3GWK		00:01
13:23	3AWP		13:25	3AWP	1	00:02
13:23	8CMC	1	13:26	8CMC	2	00:03
13:24	4AYA	1	13:25	4AYA		00:01
13:24	2EWP		13:24	2EWP	1	00:00
13:24	2SNF		13:24	2SNF	1	00:00
13:24	6NGA		13:24	6NGA	2	00:00
13:24	2SNF		13:25	2SNF	2	00:01
13:24	9VYR		13:25	9VYR	1	00:01
13:24	3LGO	3	13:25	3LGO	3	00:01
13:24	3VNZ		13:25	3VNZ	1	00:01
13:24	8NWJ	1	13:27	8NWJ		00:03
13:25	5UTM	1	13:25	5UTM		00:00
13:25	5RVU	2	13:25	5RVU		00:00
13:25	3WDN	2	13:26	3WDN		00:01
13:25	OCKY	1	13:25	OCKY		00:00
13:25	6WLO		13:26	6WLO	1	00:01
13:25	4RHU		13:26	4RHU	1	00:01
13:26	4AYA		13:26	4AYA	1	00:00
13:26	2UYB		13:27	2UYB	1	00:01
13:26	5JKU		13:27	5JKU	2	00:01
13:26	3FCV	1	13:27	3FCV		00:01
13:27	1OHA		13:27	1OHA	1	00:00
13:27	3UKY		13:28	3UKY	1	00:01
13:27	OCKY		13:29	OCKY	1	00:02
13:27	6ORO		13:27	6ORO	1	00:00
13:27	7YZA		13:27	7YZA	1	00:00
13:27	5NBE		13:27	5NBE	1	00:00
13:27	6WLO	1	13:28	6WLO		00:01
13:28	2KOV	1	13:28	2KOV		00:00
13:28	4VMC	1	13:28	4VMC		00:00
13:28	8VAV	1	13:29	8VAV		00:01
13:28	8VBC	1	13:29	8VBC		00:01
13:28	7EEN	1	13:29	7EEN		00:01
13:28	3WGA	1	13:30	3WGA		00:02
13:28	8OBZ	1	13:30	8OBZ		00:02
13:28	2AXP	1	13:31	2AXP		00:03
13:28	6OOA		13:28	6OOA	1	00:00
13:28	2DKA		13:29	2DKA	1	00:01
13:28	1XOP		13:28	1XOP	2	00:00
13:28	OKES		13:31	OKES	2	00:03
13:28	1CFO		13:29	1CFO	3	00:01
13:28	3748		13:30	3748	3	00:02
13:29	2LCT	1	13:30	2LCT		00:01
13:29	9TXH	1	13:30	9TXH		00:01
13:29	7MWX	1	13:30	7MWX		00:01
13:29	5JST	1	13:31	5JST		00:02
13:29	6OJU	1	13:31	6OJU		00:02
13:29	1KMA		13:30	1KMA	1	00:01
13:29	8OSL		13:31	8OSL	1	00:02
13:29	OUEO		13:32	OUEO	1	00:03
13:30	2XLF	1	13:30	2XLF		00:00
13:30	6OHA	1	13:31	6OHA		00:01

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
13:30	8XPG		13:31	8XPG	2	00:01
13:32	6CKX	2	13:32	6CKX		00:00
13:32	3XOM		13:32	3XOM	1	00:00
13:32	1ALD		13:32	1ALD	1	00:00
13:32	3DYM		13:32	3DYM	1	00:00
13:33	2HMH		13:36	2HMH	1	00:03
13:34	5MVN	1	13:34	5MVN		00:00
13:34	8KNZ	2	13:34	8KNZ		00:00
13:34	9FHX		13:34	9FHX	1	00:00
13:34	7HKC		13:34	7HKC	1	00:00
13:34	8YOX		13:39	8YOX	1	00:05
13:34	4RGH		13:34	4RGH	3	00:00
13:34	6SJX		13:34	6SJX	1	00:00
13:35	2897	1	13:35	2897		00:00
13:35	9CXR	1	13:35	9CXR		00:00
13:35	8BKL		13:35	8BKL	1	00:00
13:35	7XKM		13:39	7XKM	5	00:04
13:36	6EUE	1	13:36	6EUE		00:00
13:36	7MVZ	1	13:36	7MVZ		00:00
13:36	9UZH	1	13:36	9UZH		00:00
13:36	8VBC	1	13:36	8VBC		00:00
13:36	4UDO	1	13:36	4UDO		00:00
13:36	7AEM		13:36	7AEM	1	00:00
13:36	8MXP		13:36	8MXP	1	00:00
13:36	3WCZ		13:36	3WCZ	1	00:00
13:36	6PTN		13:36	6PTN	2	00:00
13:36	1SSF	1	13:36	1SSF		00:00
13:36	1ULX	1	13:39	1ULX		00:03
13:37	3NVC	1	13:39	3NVC		00:02
13:37	1TBW		13:37	1TBW	1	00:00
13:37	9AUF		13:37	9AUF	1	00:00
13:37	2NKC		13:39	2NKC	1	00:02
13:37	7FPT		13:39	7FPT	2	00:02
13:37	7ZGP		13:37	7ZGP	3	00:00
13:37	4USF		13:37	4USF	1	00:00
13:37	2NWF	1	13:37	2NWF		00:00
13:37	4YPX		13:39	4YPX	1	00:02
13:38	2ORL	1	13:40	2ORL		00:02
13:38	5RGN	1	13:40	5RGN		00:02
13:38	3WSF	1	13:40	3WSF		00:02
13:38	5VFJ	1	13:41	5VFJ		00:03
13:38	3CAB	1	13:41	3CAB		00:03
13:38	3SUX	2	13:39	3SUX		00:01
13:38	5JOK		13:41	5JOK	1	00:03
13:38	7XOH		13:38	7XOH	2	00:00
13:38	1O59		13:38	1O59	2	00:00
13:38	2SNF		13:40	2SNF	2	00:02
13:38	3EGY	1	13:38	3EGY	1	00:00
13:38	1CNF		13:39	1CNF	1	00:01
13:39	9FXH	1	13:40	9FXH		00:01
13:39	5XLW		13:40	5XLW	2	00:01
13:39	ONHP	1	13:41	ONHP		00:02
13:39	5MGV		13:39	5MGV	1	00:00
13:39	2CTF		13:42	2CTF	1	00:03
13:39	8GMO		13:39	8GMO	2	00:00
13:39	6URB		13:39	6URB	2	00:00
13:39	5GKN	1	13:40	5GKN		00:01
13:39	6UAD		13:41	6UAD	1	00:02
13:39	7CVB		13:40	7CVB	1	00:01
13:39	4GAE		13:40	4GAE	3	00:01
13:40	2UXW	1	13:42	2UXW		00:02

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
13:40	8OGY	2	13:41	8OGY		00:01
13:40	V974		13:41	V974	1	00:01
13:40	2XMT		13:41	2XMT	2	00:01
13:41	1OHA		13:44	1OHA	1	00:03
13:41	1NVA	2	13:43	1NVA		00:02
13:41	5JVD	2	13:41	5JVD		00:00
13:42	5CCP	1	13:42	5CCP		00:00
13:42	OJGD	2	13:43	OJGD		00:01
13:42	4MFV		13:43	4MFV	1	00:01
13:42	2XON		13:43	2XON	1	00:01
13:42	4PGT		13:43	4PGT	1	00:01
13:42	4RSF		13:43	4RSF	1	00:01
13:42	2RNY		13:44	2RNY	1	00:02
13:43	2WOE		13:45	2WOE	2	00:02
13:43	9EZX		13:44	9EZX	1	00:01
13:43	9ZTH		13:45	9ZTH	1	00:02
13:43	6NLP		13:45	6NLP	1	00:02
13:43	4BEA		13:47	4BEA	3	00:04
13:43	8TGE		13:43	8TGE	1	00:00
13:43	2XDU		13:44	2XDU	1	00:01
13:43	9EYG		13:45	9EYG	1	00:02
13:44	OBRO	1	13:45	OBRO	1	00:01
13:44	1FRC		13:46	1FRC	1	00:02
13:44	8PYU		13:46	8PYU	2	00:02
13:45	6WLD	2	13:47	6WLD		00:02
13:45	1LTY		13:49	1LTY	1	00:04
13:45	5UTM		13:47	5UTM	1	00:02
13:45	7MXX	1	13:49	7MXX		00:04
13:45	8TNF		13:48	8TNF	1	00:03
13:45	1FNO		13:48	1FNO	1	00:03
13:46	7NAM		13:47	7NAM	1	00:01
13:46	3KGX		13:47	3KGX	1	00:01
13:46	8LLX		13:49	8LLX	1	00:03
13:46	8EZB		13:46	8EZB	1	00:00
13:47	9ZPO	1	13:49	9ZPO		00:02
13:48	8KHP		13:48	8KHP	1	00:00
13:48	1PHX		13:50	1PHX	2	00:02
13:48	6FJY	1	13:50	6FJY		00:02
13:49	2GNK	1	13:49	2GNK		00:00
13:49	2GXL		13:49	2GXL	1	00:00
13:49	8NPP	1	13:50	8NPP		00:01
13:49	4PHY	2	13:50	4PHY		00:01
13:49	9UAS		13:50	9UAS	1	00:01
13:49	9VED	1	13:50	9VED		00:01
13:50	6PYX		13:51	6PYX	1	00:01
13:50	2UXW		13:51	2UXW	1	00:01
13:50	5WFH		13:53	5WFH	1	00:03
13:50	2VJE		13:50	2VJE	1	00:00
13:51	9CZJ	2	13:51	9CZJ		00:00
13:51	2NCO		13:51	2NCO	1	00:00
13:51	OYOG		13:51	OYOG	1	00:00
13:51	9TZY		13:53	9TZY	1	00:02
13:51	3KOH		13:53	3KOH	1	00:02
13:52	1ALD	1	13:53	1ALD		00:01
13:52	3JUD		13:55	3JUD	2	00:03
13:52	7FMZ		13:52	7FMZ	1	00:00
13:52	3SVT		13:52	3SVT	1	00:00
13:52	9PLF		13:52	9PLF	3	00:00
13:52	8HMY		13:52	8HMY	1	00:00
13:53	3JGF	1	13:53	3JGF		00:00
13:53	3VOP		13:53	3VOP	4	00:00

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
13:53	5LUO	1	13:54	5LUO		00:01
13:53	2AGU		13:54	2AGU	1	00:01
13:53	7AEM	1	13:54	7AEM	1	00:01
13:53	1GMG	1	13:54	1GMG		00:01
13:54	2OPF	1	13:54	2OPF		00:00
13:54	5ZDZ		13:54	5ZDZ	1	00:00
13:55	0OXV		13:55	0OXV	1	00:00
13:55	5KBR		13:55	5KBR	2	00:00
13:55	7AAE	1	13:56	7AAE		00:01
13:55	2OPF	1	13:56	2OPF		00:01
13:56	22UH		13:57	22UH	1	00:01
13:56	0OFA	1	13:56	0OFA		00:00
13:56	4GVP		13:58	4GVP	3	00:02
13:57	6DGP	1	13:57	6DGP		00:00
13:57	1UKG	1	13:57	1UKG		00:00
13:57	5OEK	1	13:59	5OEK		00:02
13:57	5CFG		13:59	5CFG	1	00:02
13:57	6KDG		13:57	6KDG	2	00:00
13:57	5HFB	1	13:58	5HFB		00:01
13:57	7EGN	1	13:58	7EGN		00:01
13:57	1KBL		13:58	1KBL	1	00:01
13:57	2EUU		13:58	2EUU	3	00:01
13:58	5YUO	1	13:59	5YUO		00:01
13:58	8FVT	1	13:59	8FVT		00:01
13:58	6LOF	1	13:59	6LOF		00:01
13:58	1YXA		13:59	1YXA	1	00:01
13:58	5MWM	1	14:00	5MWM		00:02
13:58	6HCJ	1	14:01	6HCJ		00:03
13:58	9YRL		14:01	9YRL	1	00:03
13:59	1MNE	1	14:02	1MNE		00:03
13:59	5JVX		14:00	5JVX	2	00:01
13:59	1WAU	2	14:01	1WAU		00:02
13:59	4AYH		14:01	4AYH	1	00:02
13:59	0LUY		14:01	0LUY	1	00:02
14:00	8JLR	1	14:00	8JLR		00:00
14:00	7JOV	1	14:01	7JOV		00:01
14:00	7WKF	1	14:03	7WKF		00:03
14:00	5FRO		14:01	5FRO	1	00:01
14:02	8BKL	1	14:02	8BKL		00:00
14:02	6NKU		14:02	6NKU	2	00:00
14:02	1RPN		14:03	1RPN	1	00:01
14:04	9FDA		14:04	9FDA	1	00:00
14:04	4AHC		14:05	4AHC	1	00:01
14:04	2LNT		14:05	2LNT	2	00:01
14:05	1KDA	1	14:06	1KDA		00:01
14:05	3PVM		14:06	3PVM	1	00:01
14:05	0SDO		14:07	0SDO	2	00:02
14:05	5FDA		14:05	5FDA	1	00:00
14:06	2RBA	1	14:07	2RBA		00:01
14:06	3UBY		14:06	3UBY	1	00:00
14:06	5JLL		14:07	5JLL	1	00:01
14:06	1MVW		14:06	1MVW	1	00:00
14:07	4JWK	1	14:07	4JWK		00:00
14:08	2RYP	1	14:08	2RYP		00:00
14:08	5ZFW		14:08	5ZFW	2	00:00
14:08	1NLB		14:08	1NLB	2	00:00
14:09	8VUW	1	14:09	8VUW		00:00
14:09	7ESF	1	14:09	7ESF		00:00
14:09	4XOG	1	14:12	4XOG		00:03
14:09	5ERU		14:09	5ERU	2	00:00
14:09	0HSJ		14:09	0HSJ	3	00:00

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
14:10	8KJZ		14:10	8KJZ	1	00:00
14:10	4ESF		14:10	4ESF	1	00:00
14:10	5KSX		14:10	5KSX	1	00:00
14:10	5LGY		14:10	5LGY	1	00:00
14:11	4JLH		14:11	4JLH	1	00:00
14:12	2XLZ	1	14:12	2XLZ		00:00
14:12	6FJY		14:12	6FJY	1	00:00
14:12	5CHY		14:12	5CHY	2	00:00
14:13	3RHS		14:13	3RHS	1	00:00
14:13	5HOB		14:13	5HOB	1	00:00
14:13	7AED		14:13	7AED	1	00:00
14:14	3LFN		14:14	3LFN	1	00:00
14:14	7VVR		14:14	7VVR	2	00:00
14:14	3SOA	1	14:14	3SOA		00:00
14:14	9NCH	1	14:19	9NCH		00:05
14:15	5GAE	1	14:15	5GAE		00:00
14:15	8JSC	1	14:15	8JSC		00:00
14:15	2SST		14:15	2SST	1	00:00
14:16	2NJZ		14:16	2NJZ	1	00:00
14:16	4OLC		14:16	4OLC	3	00:00
14:16	0HAU	1	14:16	0HAU		00:00
14:16	1RLU		14:16	1RLU	2	00:00
14:16	8CMC		14:18	8CMC	1	00:02
14:16	4EGX		14:20	4EGX	2	00:04
14:17	2ZVB		14:18	2ZVB	1	00:01
14:17	9EOC		14:17	9EOC	2	00:00
14:17	4LLD		14:20	4LLD	5	00:03
14:17	5TVF		14:17	5TVF	1	00:00
14:17	3TJV		14:17	3TJV	2	00:00
14:17	6FMF	1	14:17	6FMF		00:00
14:17	6COJ		14:18	6COJ	1	00:01
14:18	5GXA		14:18	5GXA	2	00:00
14:18	7EJJ		14:20	7EJJ	1	00:02
14:18	3DLE		14:20	3DLE	1	00:02
14:19	5MKA		14:21	5MKA	1	00:02
14:19	1MCB	1	14:21	1MCB		00:02
14:19	5VWU		14:21	5VWU	2	00:02
14:20	4TYT		14:22	4TYT	1	00:02
14:20	2XON		14:22	2XON	3	00:02
14:22	5AEG		14:23	5AEG	1	00:01
14:22	0RLH		14:23	0RLH	2	00:01
14:23	6LJO		14:26	6LJO	1	00:03
14:23	6PTN		14:26	6PTN	2	00:03
14:23	8XON		14:26	8XON	2	00:03
14:23	9FDA	1	14:24	9FDA	1	00:01
14:23	9CGX	1	14:25	9CGX	1	00:02
14:23	1SSG	1	14:26	1SSG	3	00:03
14:24	1RFN		14:25	1RFN	1	00:01
14:24	3VOP		14:26	3VOP	2	00:02
14:24	1ULX	1	14:25	1ULX		00:01
14:24	6HGN	2	14:25	6HGN	2	00:01
14:24	3EHC		14:25	3EHC	1	00:01
14:24	7NYK	1	14:25	7NYK		00:01
14:25	6XBC		14:27	6XBC	1	00:02
14:25	5VBA	2	14:25	5VBA		00:00
14:26	6LNE		14:29	6LNE	1	00:03
14:26	7WNL		14:28	7WNL	1	00:02
14:27	9MCD		14:28	9MCD	1	00:01
14:27	1EVK		14:28	1EVK	1	00:01
14:27	0NHP		14:29	0NHP	1	00:02
14:27	5RTA	1	14:27	5RTA	3	00:00

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
14:27	1PNU		14:27	1PNU	4	00:00
14:27	6EZR		14:28	6EZR	2	00:01
14:28	2LJC		14:30	2LJC	2	00:02
14:28	4HOB		14:29	4HOB	1	00:01
14:28	3VNZ		14:30	3VNZ	1	00:02
14:28	1XOP		14:30	1XOP	1	00:02
14:28	5XYX		14:29	5XYX	2	00:01
14:28	3KOH	1	14:29	3KOH	1	00:01
14:28	3LGO	1	14:29	3LGO	1	00:01
14:28	6KTD	1	14:30	6KTD		00:02
14:28	6VKE		14:32	6VKE	2	00:04
14:29	4KPL		14:31	4KPL	1	00:02
14:29	3FFW	1	14:31	3FFW		00:02
14:30	5FBF		14:34	5FBF	1	00:04
14:30	8UBL		14:32	8UBL	2	00:02
14:30	9VED		14:32	9VED	1	00:02
14:30	8UBL		14:34	8UBL	2	00:04
14:30	4ZGT		14:33	4ZGT	1	00:03
14:30	7BGX		14:31	7BGX	2	00:01
14:30	1AEW		14:33	1AEW	1	00:03
14:30	2REC		14:33	2REC	1	00:03
14:31	1AOM		14:32	1AOM	1	00:01
14:31	1PGO	1	14:32	1PGO		00:01
14:32	1RYX		14:32	1RYX	1	00:00
14:32	3VKH	1	14:34	3VKH		00:02
14:32	5BEO		14:34	5BEO	1	00:02
14:33	1PLH		14:34	1PLH	2	00:01
14:33	1VUE		14:34	1VUE	2	00:01
14:33	9EZX		14:33	9EZX	1	00:00
14:33	3WEK		14:33	3WEK	1	00:00
14:33	6VYL		14:35	6VYL	1	00:02
14:34	ORLL		14:34	ORLL	1	00:00
14:34	4GAE		14:35	4GAE	1	00:01
14:34	2EGN		14:35	2EGN	1	00:01
14:34	8HMY		14:35	8HMY	1	00:01
14:34	2FDU		14:35	2FDU	1	00:01
14:35	2BSH		14:38	2BSH	1	00:03
14:35	8RFY	1	14:35	8RFY		00:00
14:36	8ULO		14:36	8ULO	1	00:00
14:36	6ALU		14:38	6ALU	2	00:02
14:36	ORJB	2	14:36	ORJB		00:00
14:36	4NRJ		14:36	4NRJ	3	00:00
14:36	0USW		14:38	0USW	1	00:02
14:36	4XCJ		14:39	4XCJ	1	00:03
14:37	1GMG		14:38	1GMG	1	00:01
14:37	6GWL		14:38	6GWL	4	00:01
14:37	2MOA	2	14:38	2MOA		00:01
14:37	6HXD		14:38	6HXD	1	00:01
14:37	6LOF		14:38	6LOF	1	00:01
14:37	6AOM		14:37	6AOM	1	00:00
14:37	0AXP		14:37	0AXP	1	00:00
14:37	0YOG		14:37	0YOG	1	00:00
14:37	5VOP		14:37	5VOP	1	00:00
14:37	8VAV	1	14:37	8VAV		00:00
14:38	6KLF		14:38	6KLF	1	00:00
14:38	5LNG		14:39	5LNG	1	00:01
14:39	4PHN	1	14:40	4PHN	1	00:01
14:39	6WGH		14:40	6WGH	2	00:01
14:39	9JXB		14:39	9JXB	1	00:00
14:39	5XZG		14:39	5XZG	1	00:00
14:39	1MOA		14:39	1MOA	1	00:00

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
14:39	1OFP		14:39	1OFP	1	00:00
14:40	7YAV		14:40	7YAV	1	00:00
14:40	7GPV		14:40	7GPV	1	00:00
14:40	8UOB	1	14:40	8UOB		00:00
14:40	7FTY	1	14:40	7FTY		00:00
14:40	2KYB		14:42	2KYB	1	00:02
14:40	2OGZ		14:42	2OGZ	1	00:02
14:40	1KBL		14:41	1KBL	1	00:01
14:40	0NVC		14:41	0NVC	1	00:01
14:40	4YJN		14:41	4YJN	1	00:01
14:41	5ZWP		14:42	5ZWP	1	00:01
14:41	1RPN	1	14:42	1RPN		00:01
14:41	6AUT	1	14:42	6AUT	1	00:01
14:41	2FKP	1	14:42	2FKP		00:01
14:41	3AJR		14:43	3AJR	1	00:02
14:41	2JEO		14:43	2JEO	1	00:02
14:42	4CMO		14:44	4CMO	1	00:02
14:42	6DGP		14:43	6DGP	1	00:01
14:42	2XOG		14:43	2XOG	1	00:01
14:42	900F		14:47	900F	1	00:05
14:43	7HFJ		14:44	7HFJ	1	00:01
14:43	8YOX		14:44	8YOX	1	00:01
14:43	2OKW		14:43	2OKW	1	00:00
14:43	6MMY		14:47	6MMY	1	00:04
14:43	7JOV	1	14:45	7JOV		00:02
14:44	7TSZ		14:46	7TSZ	1	00:02
14:44	9JNB	2	14:47	9JNB	1	00:03
14:45	1NVK		14:45	1NVK	1	00:00
14:45	4ESN		14:45	4ESN	1	00:00
14:45	6JVN	1	14:45	6JVN		00:00
14:45	6COJ		14:47	6COJ	1	00:02
14:46	1YGK		14:46	1YGK	1	00:00
14:46	1SSG		14:48	1SSG	1	00:02
14:46	3NLM		14:48	3NLM	1	00:02
14:46	1PGO		14:47	1PGO	2	00:01
14:46	5VFJ		14:46	5VFJ	1	00:00
14:46	0NFN		14:46	0NFN	1	00:00
14:46	2RNY	1	14:47	2RNY		00:01
14:46	6UKU		14:48	6UKU	1	00:02
14:46	2NJZ		14:48	2NJZ	1	00:02
14:47	9EOR		14:49	9EOR	1	00:02
14:47	5EMF	1	14:47	5EMF		00:00
14:47	3WFE	3	14:49	3WFE	1	00:02
14:49	7BJW		14:50	7BJW	1	00:01
14:49	0RLL		14:50	0RLL	1	00:01
14:49	3FXF	1	14:50	3FXF	1	00:01
14:49	6EJP		14:50	6EJP	1	00:01
14:50	2MKJ		14:51	2MKJ	1	00:01
14:50	1NLB		14:52	1NLB	1	00:02
14:50	7RGE		14:53	7RGE	2	00:03
14:50	5CGJ		14:53	5CGJ	2	00:03
14:50	1MUW	2	14:51	1MUW		00:01
14:50	3UOL		14:53	3UOL	1	00:03
14:50	2JWK		14:53	2JWK	1	00:03
14:51	7ROF		14:52	7ROF	1	00:01
14:51	3YFC		14:53	3YFC	1	00:02
14:51	5GXA		14:53	5GXA	1	00:02
14:51	3RHS		14:52	3RHS	2	00:01
14:52	5JLL		14:52	5JLL	1	00:00
14:53	7DKF		14:55	7DKF	2	00:02
14:53	8VUW		14:54	8VUW	1	00:01

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
14:54	8BKL		14:54	8BKL	1	00:00
14:54	8ULO		14:55	8ULO	1	00:01
14:54	4FNZ		14:56	4FNZ	1	00:02
14:54	7RHJ		14:57	7RHJ	4	00:03
14:54	2PDV	1	14:54	2PDV		00:00
14:54	7ESF	1	14:55	7ESF		00:01
14:54	3SUX	1	14:55	3SUX		00:01
14:55	8KFX		14:56	8KFX	1	00:01
14:55	7PKE		14:56	7PKE	1	00:01
14:56	7CCA		14:58	7CCA	1	00:02
14:56	0CCY		14:57	0CCY	2	00:01
14:56	6LRJ		14:58	6LRJ	1	00:02
14:58	4XOG		15:00	4XOG	1	00:02
14:58	8CMC		15:00	8CMC	2	00:02
14:59	5LGY		15:01	5LGY	1	00:02
15:00	0HAU		15:01	0HAU	1	00:01
15:00	7BGL		15:02	7BGL	1	00:02
15:00	7HBY		15:02	7HBY	1	00:02
15:00	4TYT		15:04	4TYT	1	00:04
15:01	3VOP		15:03	3VOP	1	00:02
15:01	1CZW		15:04	1CZW	1	00:03
15:02	4OLC		15:03	4OLC	1	00:01
15:02	9TDA	1	15:02	9TDA	1	00:00
15:02	2RYP	1	15:03	2RYP		00:01
15:02	4JLH		15:05	4JLH	3	00:03
15:02	4KPL		15:06	4KPL	1	00:04
15:02	3PVM	1	15:06	3PVM		00:04
15:03	4EGX		15:06	4EGX	1	00:03
15:05	0NGA		15:05	0NGA	1	00:00
15:05	8JLR		15:07	8JLR	1	00:02
15:05	0RLH		15:07	0RLH	1	00:02
15:06	1CNF		15:07	1CNF	1	00:01
15:06	8KHP		15:07	8KHP	2	00:01
15:06	3LGO		15:08	3LGO	2	00:02
15:06	4XSK		15:06	4XSK	3	00:00
15:06	8LBT		15:06	8LBT	1	00:00
15:07	2XON		15:08	2XON	1	00:01
15:07	6SOA		15:08	6SOA	1	00:01
15:07	1PLH	1	15:08	1PLH		00:01
15:08	3PGW		15:08	3PGW	1	00:00
15:08	5WGH		15:09	5WGH	1	00:01
15:09	2JWK		15:09	2JWK	1	00:00
15:09	3SOA		15:11	3SOA	1	00:02
15:09	6GOA		15:09	6GOA	1	00:00
15:09	0LJK		15:12	0LJK	1	00:03
15:10	8EBD		15:10	8EBD	1	00:00
15:10	1PNU		15:10	1PNU	1	00:00
15:10	2LJC		15:10	2LJC	1	00:00
15:10	9VAS		15:12	9VAS	3	00:02
15:10	2WVM		15:10	2WVM	1	00:00
15:11	1RLU		15:11	1RLU	1	00:00
15:11	0XOG		15:12	0XOG	1	00:01
15:11	4BEA		15:11	4BEA	2	00:00
15:12	8YGU		15:13	8YGU	1	00:01
15:12	8HHW		15:15	8HHW	2	00:03
15:13	9ULO		15:13	9ULO	1	00:00
15:13	8HMY		15:14	8HMY	1	00:01
15:13	1RFN		15:14	1RFN	1	00:01
15:13	57IS		15:14	57IS	2	00:01
15:14	5NND		15:14	5NND	1	00:00
15:14	3CAB		15:15	3CAB	1	00:01



IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
15:14	3JWF		15:14	3JWF	2	00:00
15:15	0CCY		15:15	0CCY	2	00:00
15:15	6NGA	1	15:15	6NGA		00:00
15:15	5GXA	2	15:15	5GXA		00:00
15:15	4DGT		15:16	4DGT	2	00:01
15:15	7EEN		15:16	7EEN	2	00:01
15:16	6CZP		15:17	6CZP	1	00:01
15:16	4LWN		15:17	4LWN	1	00:01
15:16	1AOM	1	15:17	1AOM		00:01
15:16	5VFJ		15:16	5VFJ	1	00:00
15:16	7DOX		15:16	7DOX	1	00:00
15:16	4MKJ		15:16	4MKJ	1	00:00
15:16	1MNE	1	15:18	1MNE		00:02
15:17	5ERU		15:19	5ERU	4	00:02
15:17	2VGU		15:18	2VGU	2	00:01
15:18	6VCR		15:19	6VCR	1	00:01
15:18	1PGO		15:19	1PGO	1	00:01
15:18	4LLD		15:20	4LLD	2	00:02
15:19	8KJZ		15:21	8KJZ	1	00:02
15:19	3EGY		15:21	3EGY	1	00:02
15:19	3AHY		15:20	3AHY	1	00:01
15:19	3JYH		15:20	3JYH	1	00:01
15:19	6FDA	1	15:20	6FDA		00:01
15:19	6BLO	1	15:22	6BLO		00:03
15:20	5RSY		15:21	5RSY	1	00:01
15:20	1RPN		15:23	1RPN	1	00:03
15:20	5VDC		15:23	5VDC	3	00:03
15:20	9EOC		15:21	9EOC	1	00:01
15:20	9EZX		15:23	9EZX	1	00:03
15:20	ORLL		15:22	ORLL	1	00:02
15:20	8XOG		15:20	8XOG	1	00:00
15:20	6ODB		15:22	6ODB	1	00:02
15:22	7RNC		15:25	7RNC	1	00:03
15:22	4CAV		15:25	4CAV	1	00:03
15:22	5EGC		15:24	5EGC	3	00:02
15:23	6HVF		15:25	6HVF	1	00:02
15:24	5TXO	1	15:29	5TXO		00:05
15:24	6EZR		15:26	6EZR	1	00:02
15:25	8GUG		15:29	8GUG	1	00:04
15:26	9SKN	1	15:26	9SKN		00:00
15:26	2EAV		15:26	2EAV	1	00:00
15:26	5GOC		15:26	5GOC	1	00:00
15:26	4BFV		15:28	4BFV	1	00:02
15:27	8WPW	2	15:27	8WPW		00:00
15:27	5JLL		15:27	5JLL	2	00:00
15:27	7FPT	1	15:27	7FPT		00:00
15:27	2XNR		15:30	2XNR	2	00:03
15:28	5JSJ		15:29	5JSJ	1	00:01
15:28	3XHD	1	15:29	3XHD		00:01
15:28	4LGC		15:30	4LGC	1	00:02
15:28	2NGE		15:30	2NGE	2	00:02
15:29	7BGX		15:29	7BGX	2	00:00
15:29	6OOA		15:31	6OOA	2	00:02
15:29	9BBT		15:31	9BBT	1	00:02
15:30	9EYT		15:32	9EYT	2	00:02
15:30	8XFC		15:32	8XFC	2	00:02
15:31	4RKO		15:33	4RKO	1	00:02
15:32	2SSJ		15:33	2SSJ	2	00:01
15:32	4JWK	1	15:33	4JWK		00:01
15:32	7KLW		15:34	7KLW	1	00:02
15:32	5RTA		15:35	5RTA	2	00:03

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
15:32	4DLE	2	15:33	4DLE	2	00:01
15:32	9FDA		15:35	9FDA	1	00:03
15:32	5ZRG		15:35	5ZRG		00:03
15:32	1DCX		15:35	1DCX	1	00:03
15:32	8VTV		15:33	8VTV	1	00:01
15:32	0JWK	1	15:33	0JWK	1	00:01
15:33	7CCA		15:34	7CCA	1	00:01
15:33	7KOX		15:34	7KOX		00:01
15:33	7BJW		15:35	7BJW	2	00:02
15:33	5WOS		15:35	5WOS	1	00:02
15:34	4RHU	1	15:34	4RHU	1	00:00
15:34	4USF		15:35	4USF	1	00:01
15:34	5HRE		15:36	5HRE	1	00:02
15:35	2EGN		15:38	2EGN	1	00:03
15:35	4ESF		15:36	4ESF	2	00:01
15:35	6BOA	1	15:36	6BOA		00:01
15:35	6ANH		15:36	6ANH	2	00:01
15:35	6OLU		15:36	6OLU	2	00:01
15:35	5GXA		15:37	5GXA		00:02
15:36	2EYS		15:38	2EYS	1	00:02
15:36	5PZZ	1	15:36	5PZZ	1	00:00
15:36	6SXA		15:36	6SXA	1	00:00
15:36	4JNC		15:37	4JNC	2	00:01
15:36	2XLZ		15:37	2XLZ		00:01
15:37	0YOG		15:38	0YOG	1	00:01
15:37	4PHY	1	15:39	4PHY	2	00:02
15:38	2AMK		15:39	2AMK		00:01
15:39	4LGT		15:42	4LGT	1	00:03
15:39	1ULX		15:39	1ULX	2	00:00
15:39	4XCJ		15:40	4XCJ		00:01
15:39	5BDV	1	15:40	5BDV	1	00:01
15:39	8XOC		15:40	8XOC	1	00:01
15:40	0CCA		15:40	0CCA		00:00
15:40	2NGE		15:40	2NGE	1	00:00
15:40	9TDA		15:41	9TDA	1	00:01
15:40	1HYX	2	15:41	1HYX	1	00:01
15:40	4WTW		15:42	4WTW	1	00:02
15:41	8GAA		15:42	8GAA	1	00:01
15:41	6BLO		15:44	6BLO	1	00:03
15:42	2MKJ		15:43	2MKJ	1	00:01
15:42	6PTN	2	15:43	6PTN	1	00:01
15:42	5LFT		15:44	5LFT	2	00:02
15:42	6TVU		15:44	6TVU		00:02
15:42	5JLL		15:47	5JLL	2	00:05
15:43	8EXO		15:44	8EXO	1	00:01
15:43	9EYT	2	15:45	9EYT	1	00:02
15:44	8COJ		15:45	8COJ	2	00:01
15:44	3DGT		15:47	3DGT	3	00:03
15:44	3RHS		15:46	3RHS	4	00:02
15:44	5ENN		15:47	5ENN		00:03
15:44	8LGW	1	15:47	8LGW	1	00:03
15:45	8YGU		15:47	8YGU	1	00:02
15:45	7ESF		15:45	7ESF	1	00:00
15:45	3AXW		15:46	3AXW	1	00:01
15:45	7ROF		15:46	7ROF	2	00:01
15:46	6AEW	1	15:49	6AEW	2	00:03
15:47	7XOH		15:50	7XOH	1	00:03
15:47	8SCX		15:51	8SCX	2	00:04
15:47	5RTA		15:49	5RTA	1	00:02
15:47	9VED		15:49	9VED		00:02
15:48	2YVN	1	15:48	2YVN	1	00:00

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
15:48	8PDU		15:49	8PDU	1	00:01
15:48	4LRL	1	15:48	4LRL		00:00
15:48	3ZDN		15:48	3ZDN	1	00:00
15:48	4EGX		15:48	4EGX	1	00:00
15:48	9MNF	1	15:48	9MNF		00:00
15:48	7FPT		15:48	7FPT	1	00:00
15:48	6SOA		15:49	6SOA	1	00:01
15:48	7JOV	1	15:49	7JOV		00:01
15:49	3VNZ		15:49	3VNZ	2	00:00
15:50	5GFG		15:50	5GFG	1	00:00
15:50	4KRX		15:55	4KRX	1	00:05
15:50	3JOF		15:50	3JOF	1	00:00
15:50	5JSF		15:50	5JSF	1	00:00
15:50	3HBJ		15:50	3HBJ	1	00:00
15:50	4CMA		15:52	4CMA	2	00:02
15:50	3FXF		15:52	3FXF	1	00:02
15:51	6EZR		15:55	6EZR	2	00:04
15:51	3DXW		15:51	3DXW	1	00:00
15:51	4OLC		15:51	4OLC	2	00:00
15:51	3BOH	1	15:52	3BOH	2	00:01
15:51	4LLD		15:52	4LLD	2	00:01
15:51	2RNY		15:52	2RNY	1	00:01
15:52	2PDK		15:54	2PDK	1	00:02
15:52	5VFJ		15:55	5VFJ	1	00:03
15:53	7DCD		15:53	7DCD	2	00:00
15:53	7FYP		15:53	7FYP	3	00:00
15:53	8KGU		15:53	8KGU	4	00:00
15:53	4GAE		15:53	4GAE	2	00:00
15:53	4HOB		15:54	4HOB	1	00:01
15:53	8THS		15:55	8THS	1	00:02
15:54	8KHP		15:54	8KHP	1	00:00
15:54	0RLL		15:54	0RLL	1	00:00
15:54	5UYD		15:56	5UYD	1	00:02
15:54	3PYH		15:59	3PYH	1	00:05
15:54	7DDX	1	15:54	7DDX		00:00
15:54	1CNF		15:54	1CNF	1	00:00
15:54	0CCY		15:55	0CCY	1	00:01
15:54	0XOG		15:56	0XOG	1	00:02
15:54	7CMS		15:56	7CMS	1	00:02
15:55	8GAA		15:57	8GAA	5	00:02
15:55	7UON	2	15:55	7UON		00:00
15:55	8VUW		15:57	8VUW	1	00:02
15:55	4SDU		15:57	4SDU	1	00:02
15:56	7EEN	1	15:57	7EEN		00:01
15:57	9RSX		15:58	9RSX	1	00:01
15:57	8BKL		15:58	8BKL	1	00:01
15:57	6BOA		15:58	6BOA	1	00:01
15:57	6OOA		15:59	6OOA	1	00:02
15:58	7BGX		16:01	7BGX	1	00:03
15:58	5KRG		15:59	5KRG	2	00:01
15:58	7KLW		15:59	7KLW	1	00:01
15:58	5VOP		15:59	5VOP	1	00:01
15:58	4RCD		16:00	4RCD	1	00:02
15:58	0RLH		16:01	0RLH	1	00:03
15:59	7BDK		16:00	7BDK	1	00:01
15:59	1VGN		16:02	1VGN	1	00:03
15:59	8KFX		16:02	8KFX	1	00:03
16:01	1XOP		16:03	1XOP	1	00:02
16:03	6ROH		16:04	6ROH	1	00:01
16:03	4KPL		16:05	4KPL	1	00:02
16:03	8CMS		16:03	8CMS	1	00:00

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
16:04	2JWK	2	16:04	2JWK	2	00:00
16:04	6JXE		16:05	6JXE		00:01
16:04	6EJP		16:07	6EJP	1	00:03
16:05	5SUV		16:06	5SUV	1	00:01
16:05	8TGE		16:06	8TGE	1	00:01
16:05	5OYY		16:06	5OYY	1	00:01
16:05	8BKX		16:07	8BKX	1	00:02
16:06	6WTF		16:08	6WTF	1	00:02
16:06	6ESC	1	16:08	6ESC	1	00:02
16:06	8YGU	2	16:08	8YGU		00:02
16:06	4AGU		16:07	4AGU	1	00:01
16:07	3BPV		16:08	3BPV	1	00:01
16:07	2TOA		16:09	2TOA	1	00:02
16:07	8SCX		16:09	8SCX	2	00:02
16:07	2PDV		16:11	2PDV	1	00:04
16:08	4DGT		16:09	4DGT	2	00:01
16:08	6PHX		16:10	6PHX	1	00:02
16:08	6LJO		16:10	6LJO	1	00:02
16:09	1JXA		16:12	1JXA	1	00:03
16:09	3XOD		16:11	3XOD	1	00:02
16:09	8JOP	1	16:10	8JOP		00:01
16:10	4EXP		16:13	4EXP	1	00:03
16:10	4FMM	1	16:13	4FMM		00:03
16:10	4PRZ		16:10	4PRZ	1	00:00
16:10	1MZG		16:14	1MZG	3	00:04
16:10	0LJK		16:11	0LJK	1	00:01
16:10	5JLL		16:14	5JLL	1	00:04
16:12	3NXH		16:14	3NXH	1	00:02
16:12	3EAF		16:14	3EAF	3	00:02
16:13	ORLL		16:13	ORLL	1	00:00
16:13	4HLE		16:13	4HLE	1	00:00
16:13	1NPN		16:15	1NPN	1	00:02
16:14	9ULO		16:15	9ULO	1	00:01
16:14	2JLR		16:15	2JLR	1	00:01
16:14	3UOY		16:15	3UOY	1	00:01
16:14	0CCA		16:15	0CCA	2	00:01
16:14	3OHZ		16:14	3OHZ	1	00:00
16:14	3MOA		16:15	3MOA	1	00:01
16:15	3PGW		16:16	3PGW	1	00:01
16:15	3AHY		16:15	3AHY	1	00:00
16:15	0HSJ		16:18	0HSJ	1	00:03
16:16	8BNZ		16:16	8BNZ	1	00:00
16:16	3EGY		16:16	3EGY	2	00:00
16:16	4BEA	1	16:16	4BEA		00:00
16:16	6FJY		16:18	6FJY	3	00:02
16:16	6HGN	1	16:18	6HGN		00:02
16:17	5TDA		16:17	5TDA	1	00:00
16:17	8XVF		16:17	8XVF	1	00:00
16:17	4MAP		16:17	4MAP	1	00:00
16:17	1RLU		16:17	1RLU	1	00:00
16:17	2EGN	1	16:17	2EGN	1	00:00
16:17	9KLA		16:18	9KLA	1	00:01
16:18	0CCY		16:19	0CCY	1	00:01
16:18	3PYH		16:21	3PYH	1	00:03
16:18	1PGO		16:18	1PGO	1	00:00
16:18	2XON		16:19	2XON	1	00:01
16:19	4LLD		16:20	4LLD	2	00:01
16:19	1AEW	1	16:20	1AEW		00:01
16:20	9RSX		16:20	9RSX	1	00:00
16:20	4HSF		16:20	4HSF	1	00:00
16:20	3UOL	1	16:20	3UOL		00:00

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
16:20	9EYT		16:21	9EYT	1	00:01
16:21	8GUG		16:22	8GUG	1	00:01
16:21	1COV		16:21	1COV	1	00:00
16:21	8RKK	2	16:21	8RKK		00:00
16:21	9EZX		16:22	9EZX	1	00:01
16:22	2CTF		16:24	2CTF	1	00:02
16:22	4PHY		16:22	4PHY	1	00:00
16:22	0YOG		16:22	0YOG	2	00:00
16:22	3FOD	1	16:23	3FOD		00:01
16:22	1PNU		16:23	1PNU	1	00:01
16:23	3OYR		16:24	3OYR	1	00:01
16:23	5JWM		16:24	5JWM	1	00:01
16:23	8BKL		16:25	8BKL	1	00:02
16:23	6LCM		16:23	6LCM	1	00:00
16:23	0VUM		16:25	0VUM	1	00:02
16:24	9UDM		16:25	9UDM	1	00:01
16:24	7SNT		16:25	7SNT	1	00:01
16:24	4VMC		16:27	4VMC	1	00:03
16:24	4JWK		16:25	4JWK	1	00:01
16:24	0EGY		16:26	0EGY	1	00:02
16:25	3HSE		16:28	3HSE	1	00:03
16:25	6EZR	1	16:28	6EZR		00:03
16:25	1HAE	1	16:28	1HAE		00:03
16:25	2JNS		16:26	2JNS	1	00:01
16:25	2DDK		16:27	2DDK	1	00:02
16:25	5EBA		16:26	5EBA	1	00:01
16:25	6VBT		16:27	6VBT	1	00:02
16:26	7FBZ		16:28	7FBZ	1	00:02
16:26	4DLE		16:26	4DLE	1	00:00
16:26	6KBB		16:27	6KBB	1	00:01
16:26	7FPT	1	16:27	7FPT		00:01
16:28	1HYM	2	16:28	1HYM		00:00
16:28	7TFV		16:28	7TFV	2	00:00
16:28	4XOG		16:29	4XOG	2	00:01
16:29	8JAV		16:29	8JAV	1	00:00
16:29	2KGA		16:30	2KGA	1	00:01
16:29	6HVF		16:30	6HVF	1	00:01
16:29	2HMY		16:32	2HMY	3	00:03
16:30	4EXP		16:31	4EXP	1	00:01
16:30	6BYU		16:30	6BYU	2	00:00
16:30	8ULO		16:30	8ULO	2	00:00
16:30	1ONJ		16:30	1ONJ	1	00:00
16:30	5JLL	1	16:31	5JLL	1	00:01
16:30	7HVO		16:31	7HVO	1	00:01
16:30	3CAB		16:32	3CAB	1	00:02
16:31	1LCJ		16:32	1LCJ	1	00:01
16:32	6PNL		16:33	6PNL	1	00:01
16:32	1ULX		16:33	1ULX	1	00:01
16:32	6LJO		16:35	6LJO	1	00:03
16:32	6RLL	1	16:33	6RLL	2	00:01
16:32	1SHW	1	16:33	1SHW		00:01
16:33	3SOA		16:33	3SOA	2	00:00
16:33	2CGU		16:33	2CGU	3	00:00
16:33	1MNE		16:33	1MNE	1	00:00
16:34	8KGU		16:35	8KGU	1	00:01
16:35	5JSF		16:35	5JSF	1	00:00
16:35	3YON		16:35	3YON	1	00:00
16:35	9KHR	1	16:37	9KHR		00:02
16:35	7KOX		16:36	7KOX	4	00:01
16:35	6YLP		16:36	6YLP	1	00:01
16:35	3TZU		16:36	3TZU	2	00:01

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
16:35	2YRZ	1	16:36	2YRZ		00:01
16:35	4HOB		16:36	4HOB	1	00:01
16:36	2RNY		16:37	2RNY	1	00:01
16:36	9BBT		16:36	9BBT	1	00:00
16:36	1YBW		16:36	1YBW	2	00:00
16:36	6SUV		16:36	6SUV	1	00:00
16:36	4YOG		16:36	4YOG	1	00:00
16:37	2BSH		16:39	2BSH	1	00:02
16:37	8EDJ		16:38	8EDJ	2	00:01
16:37	3FOD		16:38	3FOD	1	00:01
16:37	8BLX	1	16:39	8BLX		00:02
16:38	4USF	1	16:39	4USF		00:01
16:38	3URM		16:39	3URM	2	00:01
16:38	4BXF		16:39	4BXF	2	00:01
16:38	3LGO		16:41	3LGO	1	00:03
16:38	2NWE		16:40	2NWE	1	00:02
16:38	7BGX		16:40	7BGX	1	00:02
16:39	1WBJ		16:42	1WBJ	3	00:03
16:39	3AWN		16:39	3AWN	2	00:00
16:39	4XRR		16:41	4XRR	2	00:02
16:39	2NVO		16:41	2NVO	1	00:02
16:39	7JXY		16:42	7JXY	1	00:03
16:39	6JBV		16:40	6JBV	1	00:01
16:39	6SOA		16:40	6SOA	2	00:01
16:42	5JVP		16:42	5JVP	1	00:00
16:42	6WND	1	16:42	6WND		00:00
16:43	5TEC	1	16:46	5TEC	1	00:03
16:43	5YOG		16:43	5YOG	1	00:00
16:43	4EON		16:43	4EON	5	00:00
16:43	1YDG	1	16:43	1YDG	4	00:00
16:43	0NHP		16:43	0NHP	3	00:00
16:43	9THS	1	16:43	9THS		00:00
16:45	ORLH		16:45	ORLH	1	00:00
16:45	7XOH		16:45	7XOH	1	00:00
16:45	9KEW		16:45	9KEW	1	00:00
16:45	8KJZ		16:45	8KJZ	1	00:00
16:45	0EUN		16:45	0EUN	1	00:00
16:45	3FKW		16:45	3FKW	1	00:00
16:45	4ZSU		16:45	4ZSU	1	00:00
16:46	2PDK	1	16:46	2PDK	1	00:00
16:46	0AXP		16:46	0AXP	1	00:00
16:46	8BLZ		16:46	8BLZ	1	00:00
16:46	4DFP	1	16:46	4DFP		00:00
16:46	7ESF	1	16:46	7ESF		00:00
16:46	6OOA		16:51	6OOA	1	00:05
16:47	8EHT		16:47	8EHT	1	00:00
16:47	4HLE		16:47	4HLE	1	00:00
16:47	3RHS		16:47	3RHS	3	00:00
16:47	5MWN		16:51	5MWN	1	00:04
16:48	5JWK		16:50	5JWK	2	00:02
16:48	5XRJ		16:48	5XRJ	1	00:00
16:48	2XLZ		16:48	2XLZ	3	00:00
16:48	2MKJ	1	16:48	2MKJ		00:00
16:48	0JGM		16:48	0JGM	1	00:00
16:48	7YYV	1	16:48	7YYV		00:00
16:48	7BGL	1	16:51	7BGL		00:03
16:49	5MWF		16:49	5MWF	1	00:00
16:49	7ROF		16:50	7ROF	1	00:01
16:49	8DHN		16:50	8DHN	1	00:01
16:49	5DOB		16:49	5DOB	1	00:00
16:49	6PHX		16:49	6PHX	1	00:00

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
16:49	5AGY		16:49	5AGY	1	00:00
16:49	3GFM		16:51	3GFM	1	00:02
16:49	9BPU	1	16:51	9BPU		00:02
16:50	0YOG		16:50	0YOG	1	00:00
16:50	7KLW		16:50	7KLW	1	00:00
16:50	2MGJ		16:50	2MGJ	1	00:00
16:50	8JOP		16:52	8JOP	1	00:02
16:50	2XEY		16:52	2XEY	3	00:02
16:50	3MOA		16:52	3MOA	1	00:02
16:50	1KGO		16:52	1KGO	1	00:02
16:51	4ESF		16:53	4ESF	1	00:02
16:52	4DLC		16:53	4DLC	1	00:01
16:52	5CFV		16:53	5CFV	1	00:01
16:53	4DHA		16:54	4DHA	1	00:01
16:53	5MGJ		16:54	5MGJ	1	00:01
16:53	5RTA		16:54	5RTA	1	00:01
16:53	3BGK		16:55	3BGK	1	00:02
16:54	1RYX	1	16:57	1RYX		00:03
16:54	7DDX		16:57	7DDX	2	00:03
16:54	1ORK	1	16:55	1ORK	1	00:01
16:54	7DKF		16:55	7DKF	1	00:01
16:54	6WOX		16:56	6WOX	2	00:02
16:55	6HGN		16:58	6HGN	1	00:03
16:55	4GVP	1	16:58	4GVP		00:03
16:55	4LLD		16:55	4LLD	2	00:00
16:55	4CXB	1	16:56	4CXB		00:01
16:57	7DYH		16:59	7DYH	1	00:02
16:58	3PVM		17:00	3PVM	1	00:02
16:59	8KHP		16:59	8KHP	1	00:00
16:59	2JLR		17:00	2JLR	1	00:01
16:59	3KOH		16:59	3KOH	1	00:00
16:59	2TDA		17:00	2TDA	1	00:01
17:00	7UXJ		17:01	7UXJ	2	00:01
17:00	2CTF		17:01	2CTF	1	00:01
17:01	7MVA		17:02	7MVA	1	00:01
17:01	7CCA	1	17:03	7CCA		00:02
17:01	2JWK	1	17:04	2JWK		00:03
17:03	3YDK		17:05	3YDK	1	00:02
17:03	9UDM		17:04	9UDM	1	00:01
17:03	4DGT		17:06	4DGT	2	00:03
17:04	2HJV		17:05	2HJV	1	00:01
17:04	7SNT		17:06	7SNT	1	00:02
17:05	0EGY		17:07	0EGY	1	00:02
17:05	0NOA		17:08	0NOA	1	00:03
17:05	6OAT		17:08	6OAT	1	00:03
17:06	3EGY		17:09	3EGY	1	00:03
17:06	4NJO		17:10	4NJO	1	00:04
17:06	8GUG	1	17:10	8GUG		00:04
17:06	1VHM		17:07	1VHM	3	00:01
17:07	5VOP		17:09	5VOP	1	00:02
17:07	7UON		17:08	7UON	1	00:01
17:07	4YFE		17:10	4YFE	1	00:03
17:07	5GXA		17:10	5GXA	1	00:03
17:07	5TXO		17:10	5TXO	2	00:03
17:07	5KXS		17:11	5KXS	1	00:04
17:07	3LLP	1	17:11	3LLP	1	00:04
17:07	5FPY		17:11	5FPY	4	00:04
17:08	4XHS		17:09	4XHS	1	00:01
17:08	7UBY		17:10	7UBY	1	00:02
17:08	7FPT		17:12	7FPT	1	00:04
17:09	6SOA		17:11	6SOA	1	00:02

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
17:09	4GCK		17:10	4GCK	1	00:01
17:09	6AXZ		17:11	6AXZ	2	00:02
17:10	5XPY		17:14	5XPY	1	00:04
17:11	6EZR	1	17:13	6EZR		00:02
17:11	4MMA		17:15	4MMA	1	00:04
17:11	8JAV	1	17:12	8JAV		00:01
17:11	9OOY		17:15	9OOY	3	00:04
17:12	4FFM		17:16	4FFM	1	00:04
17:12	0HAE		17:16	0HAE	1	00:04
17:12	6DWJ		17:14	6DWJ	2	00:02
17:13	1YGU		17:17	1YGU	1	00:04
17:14	9ULO		17:18	9ULO	1	00:04
17:14	1MSO	1	17:14	1MSO	1	00:00
17:15	5KRG		17:18	5KRG	1	00:03
17:15	7GVM		17:18	7GVM	1	00:03
17:15	4EGX		17:16	4EGX	2	00:01
17:15	6SJX		17:17	6SJX	1	00:02
17:16	9HKE	1	17:16	9HKE		00:00
17:16	9FWX	1	17:16	9FWX	1	00:00
17:17	6BYU		17:18	6BYU	1	00:01
17:17	1PGO	1	17:17	1PGO		00:00
17:17	7UXJ	1	17:17	7UXJ		00:00
17:18	1COV		17:18	1COV	2	00:00
17:18	8COJ		17:19	8COJ	1	00:01
17:18	5BFY		17:19	5BFY	1	00:01
17:18	8EZB		17:19	8EZB	1	00:01
17:18	2XCA		17:21	2XCA	1	00:03
17:19	3PGW		17:21	3PGW	1	00:02
17:20	7JOV	1	17:20	7JOV	1	00:00
17:20	4FRL		17:20	4FRL	2	00:00
17:20	8BKX	1	17:20	8BKX	1	00:00
17:20	6TDZ	1	17:20	6TDZ	1	00:00
17:21	4YOG		17:23	4YOG	1	00:02
17:21	4DAA		17:22	4DAA	2	00:01
17:22	T332		17:22	T332	1	00:00
17:22	2RYP	1	17:23	2RYP		00:01
17:23	0RJO		17:26	0RJO	1	00:03
17:24	4XCR		17:27	4XCR	1	00:03
17:24	3EAF		17:27	3EAF	1	00:03
17:24	4RYU		17:24	4RYU	1	00:00
17:24	5WGH		17:25	5WGH	2	00:01
17:25	4AYF		17:28	4AYF	1	00:03
17:25	2PDK		17:26	2PDK	1	00:01
17:25	9BGX		17:26	9BGX	1	00:01
17:25	7ESF		17:26	7ESF	2	00:01
17:25	8VAV	1	17:25	8VAV		00:00
17:26	7GVM		17:27	7GVM	2	00:01
17:27	3543		17:31	3543	2	00:04
17:27	3KLM		17:29	3KLM	1	00:02
17:28	5MGJ		17:30	5MGJ	1	00:02
17:28	7WOY		17:31	7WOY	1	00:03
17:28	7XOH		17:31	7XOH	3	00:03
17:28	8VUW		17:29	8VUW	2	00:01
17:29	7YWJ		17:30	7YWJ	1	00:01
17:29	2KGA		17:30	2KGA	1	00:01
17:29	4CWL		17:30	4CWL	3	00:01
17:29	5ZPH		17:31	5ZPH	1	00:02
17:29	7OLW	1	17:31	7OLW		00:02
17:29	2XLZ		17:29	2XLZ	1	00:00
17:29	4JDR		17:33	4JDR	1	00:04
17:29	9KGO		17:32	9KGO	1	00:03



IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
17:30	9KEW		17:33	9KEW	1	00:03
17:32	2HVO		17:32	2HVO	1	00:00
17:32	6LOF		17:33	6LOF	1	00:01
17:33	0YOG		17:35	0YOG	1	00:02
17:33	9EYT		17:34	9EYT	2	00:01
17:33	9JNB		17:34	9JNB	1	00:01
17:33	3SZK		17:33	3SZK	1	00:00
17:34	7KLW		17:34	7KLW	1	00:00
17:34	1YGK		17:35	1YGK	1	00:01
17:34	5JLL		17:35	5JLL	1	00:01
17:34	5DOB		17:35	5DOB	1	00:01
17:35	8WGK		17:35	8WGK	1	00:00
17:35	7JLL		17:35	7JLL	1	00:00
17:35	8KJZ		17:36	8KJZ	1	00:01
17:36	4DXZ		17:36	4DXZ	1	00:00
17:36	2TDA		17:36	2TDA	1	00:00
17:37	3TDA		17:37	3TDA	1	00:00
17:37	3DDJ		17:37	3DDJ	1	00:00
17:37	1FMV		17:37	1FMV	1	00:00
17:37	9HSJ	1	17:37	9HSJ		00:00
17:38	6ZWK		17:38	6ZWK	1	00:00
17:38	4PHB		17:38	4PHB	2	00:00
17:39	6LYP		17:42	6LYP	1	00:03
17:39	4VSF	1	17:39	4VSF		00:00
17:39	0LJK		17:39	0LJK	2	00:00
17:40	8KGU		17:40	8KGU	1	00:00
17:40	4ESF		17:40	4ESF	1	00:00
17:41	0JWK		17:41	0JWK	1	00:00
17:42	3AHY		17:42	3AHY	1	00:00
17:42	1MNE		17:42	1MNE	1	00:00
17:43	2TOL		17:43	2TOL	1	00:00
17:43	2CMS		17:43	2CMS	1	00:00
17:44	8ULO		17:44	8ULO	1	00:00
17:44	5WGH		17:44	5WGH	2	00:00
17:45	7UON		17:45	7UON	1	00:00
17:45	3LGO		17:45	3LGO	2	00:00
17:46	8JAV		17:46	8JAV	1	00:00
17:46	4LLD		17:46	4LLD	2	00:00
17:47	1RLU		17:47	1RLU	1	00:00
17:47	2RNY	1	17:47	2RNY		00:00
17:47	1KGO		17:52	1KGO	1	00:05
17:48	5JOK		17:48	5JOK	1	00:00
17:48	3MOA		17:52	3MOA	1	00:04
17:48	4WTZ		17:48	4WTZ	2	00:00
17:49	0EAV		17:51	0EAV	1	00:02
17:49	4FFM		17:49	4FFM	2	00:00
17:49	7EEN	1	17:49	7EEN		00:00
17:50	8RSX		17:50	8RSX	1	00:00
17:50	4XHS		17:50	4XHS	1	00:00
17:50	8KHP		17:50	8KHP	1	00:00
17:50	1CNF		17:50	1CNF	1	00:00
17:50	2LJC		17:51	2LJC	1	00:01
17:50	4BEA		17:51	4BEA	1	00:01
17:50	7ROF		17:53	7ROF	1	00:03
17:51	5BJW		17:53	5BJW	1	00:02
17:51	3CAB		17:53	3CAB	1	00:02
17:52	7DCD		17:54	7DCD	1	00:02
17:52	4LLN		17:54	4LLN	2	00:02
17:52	2YRZ		17:54	2YRZ	4	00:02
17:52	5FUF		17:52	5FUF	1	00:00
17:53	5YOG		17:55	5YOG	3	00:02

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
17:53	5KDA		17:55	5KDA	1	00:02
17:55	9UON		17:56	9UON	1	00:01
17:55	0HSJ		17:56	0HSJ	1	00:01
17:56	3WSV		17:58	3WSV	1	00:02
17:56	2DDK		17:57	2DDK	1	00:01
17:56	5TGC		17:59	5TGC	1	00:03
17:56	2CTF		17:57	2CTF	2	00:01
17:56	6HMY		17:57	6HMY	2	00:01
17:57	2NUO		17:58	2NUO	1	00:01
17:57	0EGY		17:59	0EGY	1	00:02
17:57	2SST		18:00	2SST	1	00:03
17:57	6XSJ		18:00	6XSJ	1	00:03
17:57	3RHS		18:00	3RHS	2	00:03
17:58	9HKE		17:59	9HKE	1	00:01
17:58	7XBB		17:59	7XBB	1	00:01
17:59	1BOH		17:59	1BOH	1	00:00
17:59	9PBU	1	18:01	9PBU		00:02
18:01	4EGX	1	18:01	4EGX		00:00
18:01	5WLG		18:03	5WLG	2	00:02
18:01	8COJ	1	18:02	8COJ		00:01
18:02	8YYT		18:03	8YYT	2	00:01
18:02	2JLR		18:02	2JLR	2	00:00
18:03	6MFK		18:04	6MFK	1	00:01
18:03	9VAS		18:05	9VAS	1	00:02
18:04	8TGE		18:05	8TGE	1	00:01
18:04	4XOG		18:07	4XOG	2	00:03
18:04	2XCA		18:05	2XCA	2	00:01
18:05	1YGK		18:06	1YGK	1	00:01
18:06	2RYP		18:07	2RYP	1	00:01
18:06	1KBL		18:08	1KBL	1	00:02
18:07	3EGY		18:09	3EGY	1	00:02
18:07	8WGK		18:09	8WGK	1	00:02
18:07	4BON		18:09	4BON	2	00:02
18:07	5FFB		18:09	5FFB	1	00:02
18:08	2EGN		18:09	2EGN	1	00:01
18:08	7XOH		18:12	7XOH	2	00:04
18:08	ORLH		18:10	ORLH	2	00:02
18:08	7BGX	1	18:10	7BGX		00:02
18:09	6LOF		18:12	6LOF	1	00:03
18:09	2EFS		18:12	2EFS	1	00:03
18:10	8TGE		18:11	8TGE	1	00:01
18:10	1VHM		18:11	1VHM	1	00:01
18:10	7UBY		18:12	7UBY	1	00:02
18:10	4WTW		18:13	4WTW	1	00:03
18:10	8VUW		18:14	8VUW	1	00:04
18:10	1HAE		18:10	1HAE	2	00:00
18:10	9BGX		18:14	9BGX	1	00:04
18:12	7RRK		18:12	7RRK	1	00:00
18:12	1OOA		18:14	1OOA	1	00:02
18:13	4DFP		18:13	4DFP	1	00:00
18:13	1RYX		18:13	1RYX	1	00:00
18:13	9ZNF		18:15	9ZNF	3	00:02
18:14	2MGJ	1	18:15	2MGJ		00:01
18:14	9ZNF		18:16	9ZNF	1	00:02
18:15	4XRV		18:16	4XRV	2	00:01
18:16	7WFB		18:16	7WFB	1	00:00
18:16	1COV		18:17	1COV	1	00:01
18:17	4XCR		18:18	4XCR	1	00:01
18:17	8VLK	1	18:18	8VLK		00:01
18:18	9EZD	1	18:19	9EZD		00:01
18:19	1PGO		18:19	1PGO	2	00:00

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
18:20	7ZKM		18:20	7ZKM	1	00:00
18:20	7WWU		18:23	7WWU	1	00:03
18:20	7UTX		18:20	7UTX	3	00:00
18:20	1BOH		18:22	1BOH	1	00:02
18:21	9OOY	1	18:23	9OOY		00:02
18:21	6TAH		18:21	6TAH	3	00:00
18:21	2XMJ		18:21	2XMJ	2	00:00
18:22	5LGK		18:23	5LGK	1	00:01
18:22	1FMV		18:22	1FMV	1	00:00
18:22	0JWK		18:22	0JWK	1	00:00
18:22	3JOF		18:22	3JOF	2	00:00
18:23	7MXZ		18:24	7MXZ	1	00:01
18:23	2TYA		18:24	2TYA	1	00:01
18:24	8THS	1	18:24	8THS		00:00
18:24	2CTF		18:25	2CTF	1	00:01
18:24	1ORK	1	18:25	1ORK	1	00:01
18:25	7OUN		18:28	7OUN	1	00:03
18:25	8HMY		18:25	8HMY	1	00:00
18:26	5XHC		18:26	5XHC	1	00:00
18:26	8HMY	1	18:26	8HMY		00:00
18:27	3FFW		18:27	3FFW	1	00:00
18:27	4XCR		18:28	4XCR	1	00:01
18:28	4XFY		18:28	4XFY	1	00:00
18:28	3WFM		18:29	3WFM	1	00:01
18:28	5VFJ		18:29	5VFJ	3	00:01
18:28	2UXP		18:30	2UXP	1	00:02
18:29	1SSG		18:30	1SSG	1	00:01
18:29	4BEA		18:30	4BEA	1	00:01
18:29	4ABL		18:30	4ABL	1	00:01
18:29	5BJW		18:29	5BJW	1	00:00
18:30	9KGO		18:31	9KGO	1	00:01
18:30	6EWE		18:31	6EWE	1	00:01
18:30	0NHP		18:30	0NHP	1	00:00
18:30	5KDA		18:30	5KDA	1	00:00
18:30	1CNF		18:32	1CNF	1	00:02
18:31	0EAV		18:32	0EAV	1	00:01
18:31	3YTC	1	18:33	3YTC		00:02
18:32	7DNP		18:33	7DNP	1	00:01
18:32	3UOL		18:33	3UOL	1	00:01
18:32	3CAB		18:34	3CAB	1	00:02
18:33	8JAV		18:35	8JAV	1	00:02
18:33	7WFB		18:35	7WFB	1	00:02
18:33	5LNR		18:34	5LNR	1	00:01
18:34	3EAF		18:35	3EAF	1	00:01
18:34	4XCR		18:35	4XCR	1	00:01
18:34	8COJ		18:34	8COJ	1	00:00
18:35	7RNC		18:40	7RNC	1	00:05
18:36	8SXF		18:36	8SXF	1	00:00
18:36	1DLH	1	18:36	1DLH		00:00
18:36	2RNY		18:40	2RNY	1	00:04
18:37	2DDK		18:39	2DDK	2	00:02
18:37	9NAV		18:37	9NAV	1	00:00
18:37	3KOH		18:40	3KOH	1	00:03
18:37	4JOR		18:37	4JOR	3	00:00
18:38	7EEN		18:39	7EEN	1	00:01
18:38	0EGY		18:40	0EGY	1	00:02
18:38	3PSX	1	18:38	3PSX		00:00
18:39	8KJZ		18:39	8KJZ	3	00:00
18:39	5DOB		18:41	5DOB	1	00:02
18:39	3WFM		18:41	3WFM	2	00:02
18:39	5SRU	1	18:40	5SRU		00:01

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
18:40	2JLR	2	18:42	2JLR	3	00:02
18:40	2TOL		18:40	2TOL	2	00:00
18:42	7RLV		18:44	7RLV	1	00:02
18:43	8EHT		18:45	8EHT	1	00:02
18:44	7VTX		18:46	7VTX	2	00:02
18:45	1OOA		18:46	1OOA	1	00:01
18:45	0YOG		18:46	0YOG	1	00:01
18:46	9RSX		18:47	9RSX	1	00:01
18:47	7UTX		18:48	7UTX	2	00:01
18:48	2OVD		18:49	2OVD	1	00:01
18:48	3VGM		18:50	3VGM		00:02
18:49	6KLF		18:50	6KLF	1	00:01
18:49	8YYT		18:52	8YYT	1	00:03
18:50	8TOL		18:52	8TOL	1	00:02
18:50	5CER		18:53	5CER	1	00:03
18:50	5JWK		18:53	5JWK	1	00:03
18:50	2XCA		18:53	2XCA	1	00:03
18:50	4GFL		18:51	4GFL	1	00:01
18:50	5LGW		18:51	5LGW	2	00:01
18:51	5JSF		18:53	5JSF	1	00:02
18:51	5SHX	1	18:51	5SHX	1	00:00
18:53	4XHS		18:55	4XHS	1	00:02
18:54	6AHU		18:54	6AHU	1	00:00
18:54	3LLP		18:54	3LLP	1	00:00
18:54	4PHY		18:55	4PHY		00:01
18:55	9PGT		18:56	9PGT	1	00:01
18:55	2XON		18:56	2XON	1	00:01
18:55	4DLE		18:57	4DLE	1	00:02
18:55	8KHP		18:58	8KHP	1	00:03
18:55	6KDA		18:56	6KDA	1	00:01
18:56	3TDA		18:58	3TDA	1	00:02
18:56	7UBY		18:57	7UBY	1	00:01
18:56	9VDM		18:57	9VDM	3	00:01
18:57	7SBF		18:58	7SBF	1	00:01
18:57	2FZC		18:59	2FZC	1	00:02
18:57	8KGV		18:59	8KGV	1	00:02
18:57	5KKT		18:59	5KKT	1	00:02
18:58	7AGV		19:00	7AGV	1	00:02
18:58	7RRK		19:00	7RRK	1	00:02
18:58	4RBX		19:00	4RBX	1	00:02
18:58	3PGW		18:59	3PGW	1	00:01
18:58	6JGE		19:02	6JGE	1	00:04
18:59	7JVN		19:01	7JVN	1	00:02
18:59	8YFY		19:02	8YFY	1	00:03
19:00	8RSX		19:01	8RSX	1	00:01
19:00	3MOA		19:04	3MOA	1	00:04
19:00	3SOA		19:01	3SOA	2	00:01
19:00	7ROF		19:00	7ROF	1	00:00
19:00	6SJX		19:03	6SJX	1	00:03
19:00	8WGK		19:03	8WGK	1	00:03
19:01	3HCU		19:05	3HCU	1	00:04
19:02	8SAJ		19:02	8SAJ	1	00:00
19:03	9BGX		19:05	9BGX	3	00:02
19:03	4KJJ		19:03	4KJJ	1	00:00
19:04	3JNS		19:04	3JNS	1	00:00
19:04	5WGH		19:06	5WGH	2	00:02
19:06	4XOG		19:08	4XOG	1	00:02
19:06	4DOX		19:07	4DOX	1	00:01
19:06	5LGK		19:07	5LGK	2	00:01
19:08	8LVA		19:08	8LVA	1	00:00
19:08	2RYP		19:09	2RYP	1	00:01

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
19:08	2XMJ	1	19:09	2XMJ	2	00:01
19:08	9UAS		19:09	9UAS	1	00:01
19:08	9UON		19:09	9UON	1	00:01
19:10	8CMS		19:10	8CMS	1	00:00
19:11	2GMV		19:11	2GMV	1	00:00
19:11	8THS		19:11	8THS	1	00:00
19:12	5LZK		19:12	5LZK	1	00:00
19:12	7WFB		19:14	7WFB	1	00:02
19:12	3UEB		19:15	3UEB	1	00:03
19:12	4OLC		19:14	4OLC	3	00:02
19:13	6VOP		19:13	6VOP	1	00:00
19:13	7EEN		19:13	7EEN	1	00:00
19:13	5WOS		19:13	5WOS	1	00:00
19:14	3YWD		19:14	3YWD	1	00:00
19:14	1SSG		19:15	1SSG	1	00:01
19:15	0JWK		19:16	0JWK	1	00:01
19:15	3UOL		19:16	3UOL	1	00:01
19:15	1SHW		19:15	1SHW	1	00:00
19:16	8KHP		19:17	8KHP	1	00:01
19:16	0EGY		19:19	0EGY	1	00:03
19:16	3TJV		19:17	3TJV	1	00:01
19:17	2MGJ		19:17	2MGJ	3	00:00
19:18	6WGH		19:18	6WGH	1	00:00
19:18	4ZAM		19:18	4ZAM	1	00:00
19:18	6VRE		19:19	6VRE	1	00:01
19:18	9VLO		19:18	9VLO	2	00:00
19:19	3KOH		19:20	3KOH	1	00:01
19:19	1CNF		19:20	1CNF	1	00:01
19:19	6HMY		19:20	6HMY	1	00:01
19:19	4NBZ		19:19	4NBZ	1	00:00
19:19	8KJZ		19:21	8KJZ	2	00:02
19:20	2JLR		19:20	2JLR	1	00:00
19:20	2DDK		19:20	2DDK	1	00:00
19:20	6LOF		19:20	6LOF	2	00:00
19:20	3CAB		19:21	3CAB	1	00:01
19:20	4BON		19:21	4BON	1	00:01
19:20	1XOP		19:21	1XOP	1	00:01
19:20	6XZG		19:21	6XZG	1	00:01
19:20	0YOG		19:22	0YOG	1	00:02
19:20	3WZJ		19:22	3WZJ	1	00:02
19:21	1PLH		19:22	1PLH	1	00:01
19:21	9KEW		19:22	9KEW	1	00:01
19:21	8TOL		19:22	8TOL	1	00:01
19:21	5BJW		19:23	5BJW	1	00:02
19:22	1HAE		19:24	1HAE	1	00:02
19:22	9EGK		19:24	9EGK	2	00:02
19:22	8HMY		19:22	8HMY	1	00:00
19:22	3VBP		19:23	3VBP	1	00:01
19:22	2XCA		19:23	2XCA	1	00:01
19:22	4BEA		19:25	4BEA	1	00:03
19:22	9UAS		19:25	9UAS	1	00:03
19:23	1KGO		19:24	1KGO	1	00:01
19:23	3EDJ		19:25	3EDJ	1	00:02
19:23	3FXO		19:26	3FXO	1	00:03
19:23	7TZD		19:26	7TZD	1	00:03
19:24	3EAF		19:27	3EAF	1	00:03
19:24	9JGP		19:27	9JGP	2	00:03
19:24	8EHT		19:26	8EHT	1	00:02
19:26	6KOH		19:28	6KOH	1	00:02
19:26	5TGC		19:28	5TGC	1	00:02
19:26	9KGO		19:31	9KGO	1	00:05

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
19:27	3MOA		19:31	3MOA	1	00:04
19:28	5JSF		19:30	5JSF	1	00:02
19:29	1MNG		19:30	1MNG	1	00:01
19:29	1FMV		19:29	1FMV	2	00:00
19:29	5UAG		19:29	5UAG	4	00:00
19:29	3PGW		19:32	3PGW	1	00:03
19:30	6NNY		19:30	6NNY	1	00:00
19:30	3PUL		19:30	3PUL	1	00:00
19:30	9PVM		19:31	9PVM	2	00:01
19:30	7RRK		19:30	7RRK	1	00:00
19:30	4RBX		19:30	4RBX	1	00:00
19:30	8RSX		19:32	8RSX	1	00:02
19:30	6JGE		19:32	6JGE	1	00:02
19:31	2XMJ		19:33	2XMJ	1	00:02
19:31	3SOA		19:33	3SOA	1	00:02
19:31	8BNZ		19:33	8BNZ	1	00:02
19:31	4DOX		19:31	4DOX	2	00:00
19:31	6MTK	1	19:33	6MTK		00:02
19:32	5WOS		19:34	5WOS	1	00:02
19:33	8LGW		19:34	8LGW	1	00:01
19:33	0SUE		19:35	0SUE	1	00:02
19:33	3FPO		19:34	3FPO	1	00:01
19:33	6AHV		19:34	6AHV	1	00:01
19:34	2ESF		19:35	2ESF	1	00:01
19:34	5AEV		19:35	5AEV	1	00:01
19:34	2HRR		19:37	2HRR	1	00:03
19:34	2EGN		19:35	2EGN	2	00:01
19:34	9KEW		19:37	9KEW	3	00:03
19:35	4ENX		19:37	4ENX	2	00:02
19:35	4SVE	1	19:38	4SVE	1	00:03
19:35	8CMS	1	19:38	8CMS		00:03
19:35	6EJP		19:36	6EJP	2	00:01
19:35	0EGY		19:36	0EGY	2	00:01
19:36	7UDS		19:36	7UDS	1	00:00
19:37	4XHS		19:39	4XHS	1	00:02
19:39	7JNC		19:39	7JNC	1	00:00
19:39	9JVP		19:39	9JVP	1	00:00
19:39	3YOG		19:40	3YOG	1	00:01
19:40	2JWK		19:42	2JWK	1	00:02
19:42	6TPF		19:43	6TPF	1	00:01
19:42	5TWM		19:43	5TWM	2	00:01
19:43	2XXF		19:44	2XXF	2	00:01
19:44	7KLW		19:46	7KLW	1	00:02
19:44	7UBY		19:45	7UBY	1	00:01
19:44	4LWH		19:47	4LWH	2	00:03
19:46	3GPU	1	19:48	3GPU		00:02
19:46	4BON		19:47	4BON	1	00:01
19:47	7HOB		19:49	7HOB	2	00:02
19:47	6OJA		19:48	6OJA	2	00:01
19:48	1KDA		19:50	1KDA	1	00:02
19:49	8XOH		19:50	8XOH	1	00:01
19:49	5SUA		19:50	5SUA	2	00:01
19:49	2JLR		19:50	2JLR	2	00:01
19:49	0UAS		19:51	0UAS	1	00:02
19:50	7JCA		19:51	7JCA	1	00:01
19:50	6HMY		19:51	6HMY	1	00:01
19:50	1VHM		19:51	1VHM	2	00:01
19:50	1XOP		19:52	1XOP	2	00:02
19:51	8KJZ		19:53	8KJZ	1	00:02
19:51	1HAE		19:53	1HAE	1	00:02
19:51	5ALN		19:53	5ALN	1	00:02

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
19:51	3WZJ		19:54	3WZJ	1	00:03
19:51	4OLC		19:54	4OLC	1	00:03
19:51	8WGK		19:52	8WGK	1	00:01
19:51	1VKT		19:52	1VKT	1	00:01
19:52	2GMV		19:53	2GMV	1	00:01
19:52	2XCA		19:53	2XCA	1	00:01
19:52	1KOH		19:54	1KOH	1	00:02
19:52	6SJX		19:53	6SJX	5	00:01
19:52	4HDK		19:55	4HDK	1	00:03
19:52	8FRO		19:52	8FRO	1	00:00
19:52	5DZN		19:55	5DZN	1	00:03
19:53	8TOL		19:56	8TOL	2	00:03
19:54	1CNF		19:57	1CNF	1	00:03
19:54	8BOF		19:56	8BOF	1	00:02
19:55	4WSV		19:57	4WSV	1	00:02
19:55	8EHT		19:57	8EHT	1	00:02
19:58	4HDK		19:58	4HDK	1	00:00
19:58	9ULO		19:58	9ULO	1	00:00
19:58	6WGH		20:03	6WGH	1	00:05
19:59	8YFY		20:01	8YFY	1	00:02
19:59	4LFC		19:59	4LFC	1	00:00
19:59	0HAU		20:03	0HAU	1	00:04
19:59	1SHW	1	19:59	1SHW		00:00
20:00	1KBL		20:01	1KBL	2	00:01
20:00	4CWL		20:00	4CWL	1	00:00
20:00	4NBZ	1	20:00	4NBZ		00:00
20:01	4XOG		20:02	4XOG	1	00:01
20:01	4EWJ		20:04	4EWJ	1	00:03
20:02	3PUL		20:02	3PUL	1	00:00
20:03	1FMV		20:05	1FMV	1	00:02
20:03	6YKA		20:05	6YKA	1	00:02
20:03	7RRK		20:05	7RRK	2	00:02
20:03	4MSX		20:05	4MSX	2	00:02
20:04	2HBD		20:06	2HBD	3	00:02
20:04	1PLH		20:06	1PLH	2	00:02
20:04	6AHU	1	20:06	6AHU	1	00:02
20:05	6KNK		20:06	6KNK	1	00:01
20:05	4ZAM	1	20:06	4ZAM	2	00:01
20:06	6PYE		20:07	6PYE	1	00:01
20:06	3YBZ		20:07	3YBZ	2	00:01
20:06	1KGO		20:07	1KGO	1	00:01
20:07	1SSG		20:09	1SSG	3	00:02
20:07	0SUE		20:08	0SUE	1	00:01
20:07	5CER		20:10	5CER	1	00:03
20:08	6FJX		20:09	6FJX	1	00:01
20:08	0SVE		20:11	0SVE	2	00:03
20:08	5COH		20:10	5COH	1	00:02
20:08	0LJK		20:11	0LJK	2	00:03
20:09	9VLX		20:09	9VLX	2	00:00
20:09	6ACU		20:12	6ACU	1	00:03
20:09	5WVK	1	20:10	5WVK		00:01
20:11	8HMY		20:13	8HMY	1	00:02
20:14	7JNC		20:14	7JNC	1	00:00
20:14	8KGU		20:14	8KGU	1	00:00
20:14	3UOL		20:15	3UOL	1	00:01
20:14	6LOF		20:16	6LOF	1	00:02
20:15	8CMS		20:16	8CMS	2	00:01
20:15	4XHS		20:18	4XHS	2	00:03
20:16	5TGC		20:18	5TGC	1	00:02
20:16	2ESF		20:17	2ESF	1	00:01
20:16	4BON		20:17	4BON	2	00:01

IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
20:17	0SUE	1	20:18	0SUE	1	00:01
20:17	6EJP		20:18	6EJP	1	00:01
20:17	8XOH		20:19	8XOH	2	00:02
20:17	9TVP		20:19	9TVP	4	00:02
20:18	9KEW		20:19	9KEW	1	00:01
20:19	3KUA		20:22	3KUA	1	00:03
20:19	8RSX		20:20	8RSX	4	00:01
20:19	9UDM		20:20	9UDM	5	00:01
20:19	7KLW		20:20	7KLW	2	00:01
20:20	9TYD		20:20	9TYD	4	00:00
20:20	9EGK		20:22	9EGK	1	00:02
20:20	2DDK		20:21	2DDK	1	00:01
20:20	8LGW		20:21	8LGW	3	00:01
20:21	2JLR		20:22	2JLR	1	00:01
20:21	2VUJ		20:22	2VUJ	2	00:01
20:21	7HOB		20:21	7HOB	1	00:00
20:21	1RXD		20:21	1RXD	1	00:00
20:22	7JCA		20:23	7JCA	1	00:01
20:22	2XMJ		20:24	2XMJ	1	00:02
20:22	5JSF		20:23	5JSF	1	00:01
20:25	4DGJ		20:27	4DGJ	2	00:02
20:25	5VOP		20:26	5VOP	3	00:01
20:25	6JGE		20:28	6JGE	3	00:03
20:27	1OOA		20:32	1OOA	1	00:05
20:28	1JNJ		20:28	1JNJ	1	00:00
20:28	4HOB		20:30	4HOB	1	00:02
20:28	9KGO	1	20:29	9KGO	1	00:01
20:29	6EST		20:30	6EST	1	00:01
20:29	8KJZ		20:31	8KJZ	1	00:02
20:29	7VUK		20:31	7VUK	1	00:02
20:29	3PGW		20:32	3PGW	1	00:03
20:30	4WPK		20:31	4WPK	2	00:01
20:30	8DOB		20:33	8DOB	1	00:03
20:30	5VOP		20:33	5VOP		00:03
20:33	1SHW		20:36	1SHW	1	00:03
20:34	6DWJ		20:34	6DWJ	1	00:00
20:34	1HAE		20:34	1HAE	1	00:00
20:34	3YOG		20:34	3YOG	1	00:00
20:34	0EGY		20:35	0EGY	1	00:01
20:34	2XCA		20:36	2XCA	1	00:02
20:34	4NBU		20:36	4NBU	1	00:02
20:34	4HDY		20:37	4HDY	1	00:03
20:35	3TJV		20:35	3TJV	1	00:00
20:35	3WZJ		20:35	3WZJ	4	00:00
20:35	1DGP		20:35	1DGP	2	00:00
20:35	4DJK		20:39	4DJK	1	00:04
20:35	2JWK		20:36	2JWK	1	00:01
20:35	8BLX		20:36	8BLX	1	00:01
20:37	5EBA		20:39	5EBA	1	00:02
20:37	0HAU		20:39	0HAU	1	00:02
20:37	2UXP		20:37	2UXP	1	00:00
20:37	8TOL		20:37	8TOL	1	00:00
20:38	4EWJ		20:38	4EWJ	1	00:00
20:38	4UXU		20:38	4UXU	1	00:00
20:38	0UJC		20:38	0UJC	1	00:00
20:38	5ALN		20:38	5ALN	1	00:00
20:39	5CEF		20:39	5CEF	1	00:00
20:39	5XON		20:40	5XON	1	00:01
20:39	6JOF		20:40	6JOF	1	00:01
20:39	1COV		20:40	1COV	1	00:01
20:40	6PYE		20:40	6PYE	1	00:00



IN			OUT			DURATION OF STAY
TIME	REG	PASSENGERS DROPPED OFF	TIME	REG	PASSENGERS PICKED UP	
20:40	3EAF		20:40	3EAF	1	00:00
20:40	2TDA		20:40	2TDA	1	00:00
20:40	8SOJ		20:40	8SOJ	1	00:00
20:40	1VHM		20:45	1VHM	4	00:05
20:41	8CMS		20:43	8CMS	1	00:02
20:41	2GMV		20:41	2GMV	1	00:00
20:41	0LJK		20:41	0LJK	1	00:00
20:41	6EJP		20:45	6EJP	1	00:04
20:41	3FGJ		20:41	3FGJ	2	00:00
20:42	9BGX		20:42	9BGX	1	00:00
20:42	4UBT		20:45	4UBT	1	00:03
20:43	1KOH		20:44	1KOH	1	00:01
20:43	7RRK		20:44	7RRK	1	00:01
20:44	2JLR		20:46	2JLR	1	00:02
20:44	3KOH		20:46	3KOH	1	00:02
20:44	3MOA		20:46	3MOA	1	00:02
20:45	3PUL		20:45	3PUL	1	00:00
20:45	7HOB		20:47	7HOB	1	00:02
20:45	9XGH		20:47	9XGH	1	00:02
20:45	7UON		20:47	7UON	1	00:02
20:46	1XPZ		20:48	1XPZ	1	00:02
20:46	8HMY		20:51	8HMY	1	00:05
20:47	5LGK		20:48	5LGK	1	00:01
20:47	1RXB		20:48	1RXB	1	00:01
20:48	2DDK		20:50	2DDK	1	00:02
20:48	7KLW		20:49	7KLW	1	00:01
20:48	7KLW		20:49	7KLW	1	00:01
20:49	9EGK		20:50	9EGK	1	00:01
20:49	5EER		20:50	5EER	1	00:01
20:49	7JVN		20:50	7JVN	1	00:01
20:49	1OOA		20:52	1OOA	2	00:03
20:50	6JGE		20:52	6JGE	1	00:02
20:50	2OVL		20:51	2OVL	2	00:01
20:50	4OLC		20:53	4OLC	2	00:03
20:50	8BLZ		20:53	8BLZ	3	00:03
20:51	5KDA		20:54	5KDA	2	00:03
20:52	2XMJ		20:54	2XMJ	1	00:02
20:55	8MAP		20:55	8MAP	1	00:00
20:56	7JNC		20:56	7JNC	1	00:00
20:58	9KGO		20:58	9KGO	1	00:00
20:59	1KGO		20:59	1KGO	2	00:00